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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page for STN Seminar Schedule - N. America
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minutes
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source
(CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and
Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human
translated claims for Chinese Applications and
Utility Models
NEWS 10 OCT 27 Free display of legal status information in CA/CAPLUS,
USPATFULL, and USPAT2 in the month of November.

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 09:35:10 ON 09 NOV 2009

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 09:35:19 ON 09 NOV 2009

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STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8
DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10530776a.str



chain nodes :
1 2 3 4 5 6 7 8
chain bonds :
1-2 2-3 3-4 3-5 4-6 6-7 6-8
exact/norm bonds :
1-2 2-3 3-5 4-6
exact bonds :
3-4 6-7 6-8

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

L1 STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 09:35:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4771327 TO ITERATE

28.1% PROCESSED	1339701 ITERATIONS	14792 ANSWERS
39.6% PROCESSED	1890129 ITERATIONS	22889 ANSWERS
41.6% PROCESSED	1986837 ITERATIONS	24649 ANSWERS

41.9% PROCESSED 2000000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.01.00

24651 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 4771327 TO 4771327
PROJECTED ANSWERS: 58081 TO 59535

L2 24651 SEA SSS FUL L1

=>

Uploading C:\Program Files\STNEXP\Queries\9545.str



chain nodes :
1 2 3 4 5 6 7 8
chain bonds :
1-2 2-3 3-4 3-5 4-6 6-7 6-8
exact/norm bonds :
1-2 2-3 3-5 4-6
exact bonds :
3-4 6-7 6-8

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
Generic attributes :
1:
Number of Carbon Atoms : 7 or more

L3 STRUCTURE UPLOADED

=> s l3 sss full
FULL SEARCH INITIATED 09:36:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4771327 TO ITERATE
<-----User Break----->

10.4% PROCESSED 494794 ITERATIONS
SEARCH ENDED BY USER
SEARCH TIME: 00.00.04

61 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 4771327 TO 4771327
PROJECTED ANSWERS: 516 TO 660

L4 61 SEA SSS FUL L3

=>

Uploading C:\Program Files\STNEXP\Queries\875.str

chain nodes :

1 2 3 4 5 6

chain bonds :

1-2 2-3 3-4 3-5 4-6

exact/norm bonds :

1-2 2-3 3-5

exact bonds :

3-4 4-6

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS

Generic attributes :

1:

Number of Carbon Atoms : 7 or more

L5 STRUCTURE UPLOADED

=> s l5 sss ful

FULL SEARCH INITIATED 09:37:40 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 4195287 TO ITERATE

33.6% PROCESSED 1408567 ITERATIONS

0 ANSWERS

42.8% PROCESSED 1795151 ITERATIONS

0 ANSWERS

<-----User Break----->

46.5% PROCESSED 1949265 ITERATIONS

0 ANSWERS

SEARCH ENDED BY USER

SEARCH TIME: 00.00.41

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**

BATCH **INCOMPLETE**

PROJECTED ITERATIONS: 4195287 TO 4195287

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS FUL L5

=> file capl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

558.60

558.82

FILE 'CAPLUS' ENTERED AT 09:38:25 ON 09 NOV 2009

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPLUS family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

=> s l4

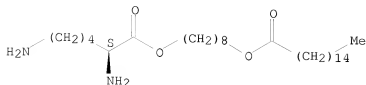
L7 30 L4

=> d l7 1-30 ibib hitstr

L7 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:840159 CAPLUS
DOCUMENT NUMBER: 151:229467
TITLE: Novel cationic lipid and its preparation and application
INVENTOR(S): Zhang, Na; Yu, Wangyang; Xu, Wenfang
PATENT ASSIGNEE(S): Shandong University, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 13pp.
CODEN: CNXKEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

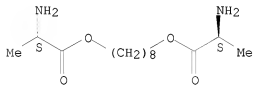
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CN 101475503	A	20090708	CN 2008-10238353	20081215
PRIORITY APPLN. INFO.:			CN 2008-10238353	20081215
OTHER SOURCE(S):	MARPAT 151:229467			
IT 1175044-56-0P				
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)				
(novel cationic lipid and its preparation and application)				
RN 1175044-56-0 CAPLUS				
CN L-Lysine, 8-[(1-oxohexadecyl)oxy]octyl ester (CA INDEX NAME)				

Absolute stereochemistry.

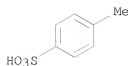


L7 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:735301 CAPLUS
 DOCUMENT NUMBER: 151:267387
 TITLE: A versatile approach for the syntheses of poly(ester amide)s with pendant functional groups
 AUTHOR(S): Atkins, Katelyn M.; Lopez, David; Knight, Darryl K.; Mequanint, Kibret; Gillies, Elizabeth R.
 CORPORATE SOURCE: Department of Chemistry, The University of Western Ontario, London, N6A 5B7, Can.
 SOURCE: Journal of Polymer Science, Part A: Polymer Chemistry (2009), 47(15), 3757-3772
 CODEN: JPACEC; ISSN: 0887-624X
 PUBLISHER: John Wiley & Sons, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 1180655-48-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (monomer; syntheses and characterization of poly(ester amide)s with pendant functional groups)
 RN 1180655-48-4 CAPLUS
 CN L-Alanine, 1,1'-(1,8-octanediyl) ester, 4-methylbenzenesulfonate (1:2) (CA INDEX NAME)
 CM 1
 CRN 1180655-47-3
 CMF C14 H28 N2 O4

Absolute stereochemistry.



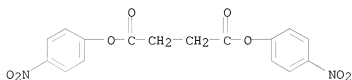
CM 2
 CRN 104-15-4
 CMF C7 H8 O3 S



IT 1180655-60-0P 1180655-63-3P 1180655-64-4DP
 , hydrolyzed, reaction products with hydroxysuccinimide and benzylamine
 1180655-65-5P 1180655-67-7P 1180655-68-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (syntheses and characterization of poly(ester amide)s with pendant
 functional groups)
 RN 1180655-60-0 CAPLUS
 CN L-Alanine, 1,1'-(1,8-octanediyl) ester, 4-methylbenzenesulfonate (1:2),
 polymer with 1,4-bis(4-nitrophenyl) butanedioate (CA INDEX NAME)

CM 1

CRN 33109-58-9
 CMF C16 H12 N2 O8



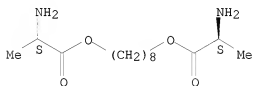
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CRN 1180655-48-4
 CMF C14 H28 N2 O4 . 2 C7 H8 O3 S

CM 3

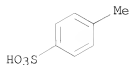
CRN 1180655-47-3
 CMF C14 H28 N2 O4

Absolute stereochemistry.



CM 4

CRN 104-15-4
 CMF C7 H8 O3 S



RN 1180655-63-3 CAPLUS
 CN L-Lysine, N6-[(1,1-dimethylethoxy)carbonyl]-, 1,1'-(1,4-butanediyl) ester,

polymer with L-alanine 1,1'-(1,8-octanediyl) ester
 4-methylbenzenesulfonate (1:2), and 1,4-bis(4-nitrophenyl) butanedioate
 (CA INDEX NAME)

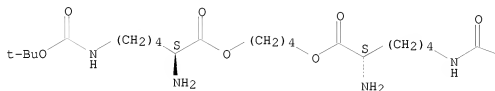
CM 1

CRN 1084893-59-3

CMF C26 H50 N4 O8

Absolute stereochemistry.

PAGE 1-A



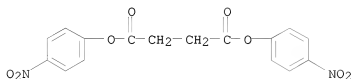
PAGE 1-B

OBu-t

CM 2

CRN 33109-58-9

CMF C16 H12 N2 O8



CM 3

CRN 1180655-48-4

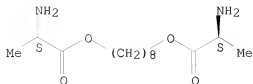
CMF C14 H28 N2 O4 . 2 C7 H8 O3 S

CM 4

CRN 1180655-47-3

CMF C14 H28 N2 O4

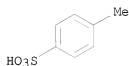
Absolute stereochemistry.



CM 5

CRN 104-15-4

CMF C'7 H8 O3 S



RN 1180655-64-4 CAPLUS

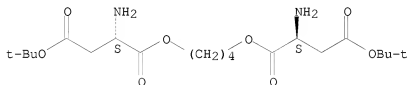
CN L-Aspartic acid, 1,1'-(1,4-butanediyl) 4,4'-bis(1,1-dimethylethyl) ester, polymer with L-alanine 1,1'-(1,8-octanediyl) ester 4-methylbenzenesulfonate (1:2), and 1,4-bis(4-nitrophenyl) butanedioate (CA INDEX NAME)

CM 1

CRN 1180655-51-9

CMF C20 H36 N2 O8

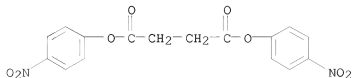
Absolute stereochemistry.



CM 2

CRN 33109-58-9

CMF C16 H12 N2 O8



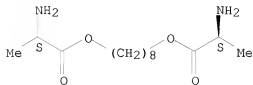
CM 3

CRN 1180655-48-4
CMF C14 H28 N2 O4 . 2 C7 H8 O3 S

CM 4

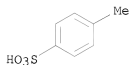
CRN 1180655-47-3
CMF C14 H28 N2 O4

Absolute stereochemistry.



CM 5

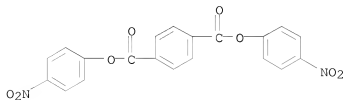
CRN 104-15-4
CMF C7 H8 O3 S



RN 1180655-65-5 CAPLUS
CN L-Alanine, 1,1'-(1,8-octanediyl) ester, 4-methylbenzenesulfonate (1:2), polymer with 1,4-bis(4-nitrophenyl) 1,4-benzenedicarboxylate (CA INDEX NAME)

CM 1

CRN 3838-05-9
CMF C20 H12 N2 O8

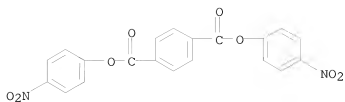


CM 2

CRN 1180655-48-4
CMF C14 H28 N2 O4 . 2 C7 H8 O3 S

CM 3

CRN 1180655-47-3
CMF C14 H28 N2 O4



CM 3

CRN 1180655-48-4

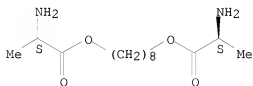
CMF C14 H28 N2 O4 . 2 C7 H8 O3 S

CM 4

CRN 1180655-47-3

CMF C14 H28 N2 O4

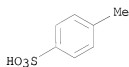
Absolute stereochemistry.



CM 5

CRN 104-15-4

CMF C7 H8 O3 S



RN 1180655-68-8 CAPLUS

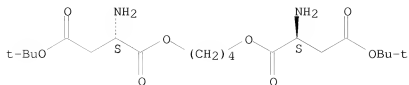
CN L-Aspartic acid, 1,1'-(1,4-butanediyl) 4,4'-bis(1,1-dimethylethyl) ester, polymer with L-alanine 1,1'-(1,8-octanedioyl) ester 4-methylbenzenesulfonate (1:2), and 1,4-bis(4-nitrophenyl) 1,4-benzenedicarboxylate (CA INDEX NAME)

CM 1

CRN 1180655-51-9

CMF C20 H36 N2 O8

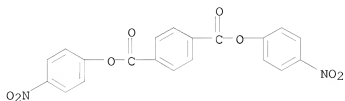
Absolute stereochemistry.



CM 2

CRN 3838-05-9

CMF C20 H12 N2 O8



CM 3

CRN 1180655-48-4

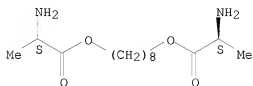
CMF C14 H28 N2 O4 . 2 C7 H8 O3 S

CM 4

CRN 1180655-47-3

CMF C14 H28 N2 O4

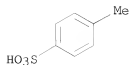
Absolute stereochemistry.



CM 5

CRN 104-15-4

CMF C7 H8 O3 S



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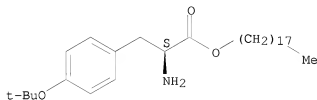
THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:618415 CAPLUS
 DOCUMENT NUMBER: 150:572366
 TITLE: Sterol-modified amphiphilic lipids
 INVENTOR(S): Szoka, Francis C., Jr.; Zhaochua, Huang
 PATENT ASSIGNEE(S): The Regents of the University of California, USA
 SOURCE: PCT Int. Appl., 140pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009064696	A1	20090522	WO 2008-US83035	20081110
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

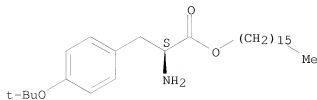
PRIORITY APPLN. INFO.: US 2007-988038P P 20071114
 IT 1155879-87-0P 1155879-89-2P
 RL: PRPH (Prophetic); RCT (Reactant); SPN (Synthetic preparation); PREP
 (Preparation); RACT (Reactant or reagent)
 (sterol-modified amphiphilic lipids)
 RN 1155879-87-0 CAPLUS
 CN L-Tyrosine, O-(1,1-dimethylethyl)-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1155879-89-2 CAPLUS
 CN L-Tyrosine, O-(1,1-dimethylethyl)-, hexadecyl ester (CA INDEX NAME)

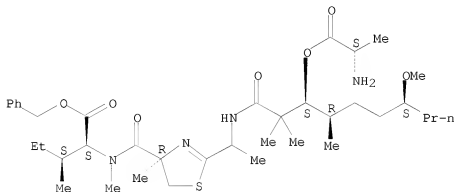
Absolute stereochemistry.



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:458110 CAPLUS
TITLE: Total synthesis of haliptin D
AUTHOR(S): Sakaguchi, Masaru; Hara, Sousuke; Koma, Youhei;
Makino, Kazuishi; Hamada, Yasumasa
CORPORATE SOURCE: Graduate School of Pharmaceutical Sciences, Chiba
University, Yayoi-cho, Inage-ku Chiba, 263-8522, Japan
SOURCE: Peptide Science (2009), Volume Date 2008, 45th,
183-186
CODEN: PSCIFQ; ISSN: 1344-7661
PUBLISHER: Japanese Peptide Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 1191071-60-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(total synthesis of haliptin D)
RN 1191071-60-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:433923 CAPLUS
DOCUMENT NUMBER: 150:501146
TITLE: Preparation and application of tumor-targeting carrier
material RGD-fatty alcohol series compounds
INVENTOR(S): Cui, Guohui; Cui, Chunying; Zheng, Xuelian
PATENT ASSIGNEE(S): Capital Medical University, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 19pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

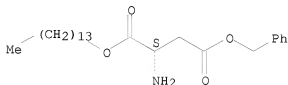
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CN 101401941	A	20090408	CN 2008-10181031	20081121
PRIORITY APPLN. INFO.:			CN 2008-10181031	20081121
IT 1148137-02-3P				

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and application of tumor-targeting carrier material RGD-fatty
alc. series compds.)

RN 1148137-02-3 CAPLUS

CN L-Aspartic acid, 4-(phenylmethyl) 1-tetradecyl ester, hydrochloride (1:1)
(CA INDEX NAME)

Absolute stereochemistry.



● HCl

L7 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:425325 CAPLUS

DOCUMENT NUMBER: 150:398734

TITLE: Preparation of solid farnesol aminocarboxylic acid
esters

INVENTOR(S): Takada, Jiro; Fukui, Akimasa

PATENT ASSIGNEE(S): Kenko Tsusho K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2009073831	A	20090409	JP 2008-223466	20080901
PRIORITY APPLN. INFO.:			JP 2007-224990	A 20070831
OTHER SOURCE(S):	MARPAT 150:398734			

IT 1123884-92-3P

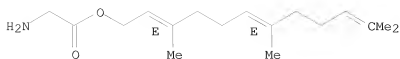
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(preparation of solid farnesol aminocarboxylic acid esters with increased
water soluble for drugs and cosmetics)

RN 1123884-92-3 CAPLUS

CN Glycine, (2E,6E)-3,7,11-trimethyl-2,6,10-dodecatrien-1-yl ester,
hydrochloride (1:1) (CA INDEX NAME)

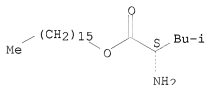
Double bond geometry as shown.



● HCl

L7 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:351973 CAPLUS
 DOCUMENT NUMBER: 150:554908
 TITLE: N-Terminal 2,3-diaminopropionic acid (Dap) peptides as efficient methylglyoxal scavengers to inhibit advanced glycation endproduct (AGE) formation
 AUTHOR(S): Sasaki, N. Andre; Garcia-Alvarez, Maria Concepcion; Wang, Qian; Ermolenko, Ludmila; Franck, Gisele; Nhiri, Naima; Martin, Marie-Therese; Audic, Nicolas; Potier, Pierre
 CORPORATE SOURCE: Institut de Chimie des Substances Naturelles, CNRS, Gif-sur-Yvette, 91198, Fr.
 SOURCE: Bioorganic & Medicinal Chemistry (2009), 17(6), 2310-2320
 CODEN: BMECEP; ISSN: 0968-0896
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 1156494-72-2P
 RL: ANT (Analyte); BSU (Biological study, unclassified); PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); ANST (Analytical study); BIOL (Biological study); PREP (Preparation) (N-Terminal 2,3-diaminopropionic acid (Dap) peptides as efficient methylglyoxal scavengers to inhibit advanced glycation endproduct (AGE) formation)
 RN 1156494-72-2 CAPLUS
 CN L-Leucine, hexadecyl ester, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:258743 CAPLUS
 DOCUMENT NUMBER: 150:283240
 TITLE: Preparation of farnesol and tocopherol derivatives as inhibitors of ischemic reperfusion disorders

INVENTOR(S): Takata, Jiro; Mishima, Kenichi; Nakashima, Manabu;
Iwasaki, Katsunori; Matsunaga, Kazuhisa; Karube,
PATENT ASSIGNEE(S): Yoshiharu; Fujiwara, Michihiro
Fukuoka University, Japan
SOURCE: PCT Int. Appl., 47pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009028707	A1	20090305	WO 2008-JP65680	20080901
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: JP 2007-225021 A 20070831

OTHER SOURCE(S): MARPAT 150:283240

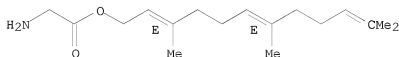
IT 1123884-92-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of farnesol and tocopherol derivs. as inhibitors of ischemic reperfusion disorders)

RN 1123884-92-3 CAPLUS

CN Glycine, (2E,6E)-3,7,11-trimethyl-2,6,10-dodecatrien-1-yl ester, hydrochloride (1:1) (CA INDEX NAME)

Double bond geometry as shown.



● HCl

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:93546 CAPLUS

DOCUMENT NUMBER: 150:146176

TITLE: Bioabsorbable elastomeric arterial support device and methods of use

INVENTOR(S): Gomurashvili, Zaza D.; Carpenter, Kenneth W.

PATENT ASSIGNEE(S): Medivas, LLC, USA

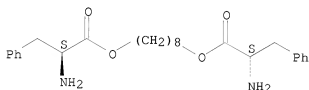
SOURCE: PCT Int. Appl., 95pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009011938	A1	20090122	WO 2008-US58785	20080328
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM US 20090022772 A1 20090122 US 2008-58603 20080328 PRIORITY APPLN. INFO.: US 2007-959935P P 20070717 IT 1069138-99-3P RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent) (bioabsorbable elastomeric arterial support device and methods of use) RN 1069138-99-3 CAPLUS CN L-Phenylalanine, 1,1'-(1,8-octanediyl) ester (CA INDEX NAME)				

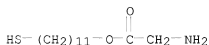
Absolute stereochemistry.



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1418671 CAPLUS
 DOCUMENT NUMBER: 149:582169
 TITLE: Efficient Gene Delivery Vectors by Tuning the Surface Charge Density of Amino Acid-Functionalized Gold Nanoparticles
 AUTHOR(S): Ghosh, Partha S.; Kim, Chae-Kyu; Han, Gang; Forbes, Neil S.; Rotello, Vincent M.
 CORPORATE SOURCE: Department of Chemistry, University of Massachusetts, Amherst, MA, 01003, USA
 SOURCE: ACS Nano (2008), 2(11), 2213-2218
 CODEN: ANCAC3; ISSN: 1936-0851
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 149:582169
 IT 1019109-46-6D, conjugates with gold nanoparticles and DNA
 RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (efficient gene delivery vectors by tuning the surface charge d. of

amino acid-functionalized gold nanoparticles)
 RN 1019109-46-6 CAPLUS
 CN Glycine, 11-mercaptoundecyl ester (CA INDEX NAME)

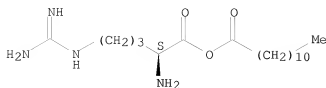


OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD
 (7 CITINGS)
 REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1399031 CAPLUS
 DOCUMENT NUMBER: 149:576302
 TITLE: Preparation of amino acid-fatty acid anhydrides
 INVENTOR(S): MacDougall, Joseph
 PATENT ASSIGNEE(S): Multi Formulations Ltd., Can.
 SOURCE: PCT Int. Appl., 27pp., Cont.-in-part of Ser. No. US
 2007-676623, filed on 20 Feb 2007
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

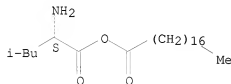
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008138090	A1	20081120	WO 2007-CA810	20070510
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM US 7314945 B1 20080101 US 2007-676623 20070220 PRIORITY APPLN. INFO.: US 2007-676623 A2 20070220 OTHER SOURCE(S): CASREACT 149:576302; MARPAT 149:576302 IT 1045742-47-9P, L-Arginine dodecanoic anhydride 1045742-49-1P, L-Leucine stearic anhydride 1045742-51-5P , L-Alanine linoleic anhydride RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of amino acid-fatty acid anhydrides as prodrugs with enhanced bioavailability) RN 1045742-47-9 CAPLUS CN Dodecanoic acid, anhydride with L-arginine (CA INDEX NAME)				

Absolute stereochemistry.



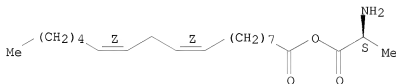
RN 1045742-49-1 CAPLUS
 CN Octadecanoic acid, anhydride with L-leucine (CA INDEX NAME)

Absolute stereochemistry.



RN 1045742-51-5 CAPLUS
 CN 9,12-Octadecadienoic acid (9Z,12Z)-, anhydride with L-alanine (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

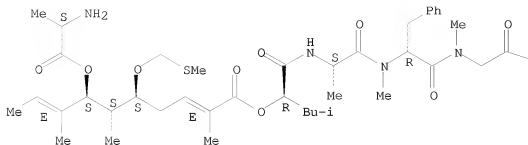
L7 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1354176 CAPLUS
 DOCUMENT NUMBER: 150:20360
 TITLE: Macrolactamization versus Macrolactonization: Total Synthesis of FK228, the Depsipeptide Histone Deacetylase Inhibitor
 AUTHOR(S): Wen, Shijun; Packham, Graham; Ganesan, A.
 CORPORATE SOURCE: School of Chemistry, University of Southampton, Southampton, SO17 1BJ, UK
 SOURCE: Journal of Organic Chemistry (2008), 73(23), 9353-9361
 CODEN: JOCEAH; ISSN: 0022-3263
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 150:20360
 IT 1137735-74-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (asym. synthesis of FK228)
 RN 1137735-74-0 CAPLUS
 CN L-Valine, (1S,2E)-1-[2-oxo-2-[2-(trimethylsilyl)ethoxy]ethyl]-5-[(triphenylmethyl)thio]-2-penten-1-yl ester (CA INDEX NAME)

CC(C)S(=O)(=O)C(=O)OCC(=O)SCC/C=C\SCCCSCC(C)(C)C

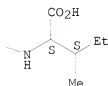
L7 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1337160 CAPLUS
DOCUMENT NUMBER: 149:525363
TITLE: Cyclic depsipeptides, and anticancer agents containing
them
INVENTOR(S): Kimura, Junji; Takada, Yuki; Nakao, Yoichi
PATENT ASSIGNEE(S): Tama-TLO Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 24pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

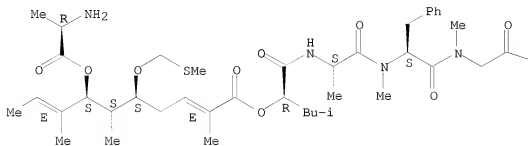


RN 1075710-28-9 CAPLUS

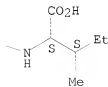
CN L-Isoleucine, D-alanyl-(2E,5S,6S,7S,8E)-7-hydroxy-2,6,8-trimethyl-5-[(methylthio)methoxy]-2,8-decadienoyl-(2R)-2-hydroxy-4-methylpentanoyl-L-alanyl-N-methyl-L-phenylalanyl-N-methylglycyl- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



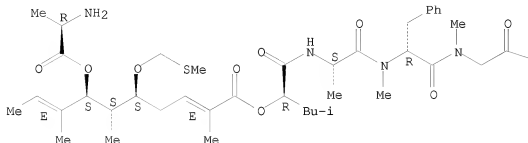
RN 1075710-30-3 CAPLUS

CN L-Isoleucine, D-alanyl-(2E,5S,6S,7S,8E)-7-hydroxy-2,6,8-trimethyl-5-[(methylthio)methoxy]-2,8-decadienoyl-(2R)-2-hydroxy-4-methylpentanoyl-L-

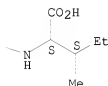
alanyl-N-methyl-D-phenylalanyl-N-methylglycyl- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



L7 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1212272 CAPLUS
 DOCUMENT NUMBER: 149:449655
 TITLE: Bioabsorbable elastomeric polymer networks, crosslinkers and methods of use
 Inventor(s): Gomurashvili, Zaza D.; Katsarava, Ramaz; Chumburdze, Giorgi; Mumladze, Nino; Tugushi, David
 Patent Assignee(s): Medivas, LLC, USA
 SOURCE: PCT Int. Appl., 98pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008121895	A1	20081009	WO 2008-US58780	20080328
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM US 20090253809 A1 20091008 US 2008-58613 20080328				

PRIORITY APPLN. INFO.:

US 2007-920962P

P 20070330

IT 1069138-99-3P

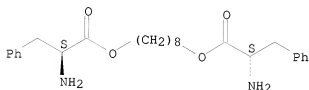
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(crosslinker; manufacture and use of bioabsorbable elastomeric crosslinked polymer networks)

RN 1069138-99-3 CAPLUS

CN L-Phenylalanine, 1,1'-(1,8-octanediyl) ester (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

10

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1073571 CAPLUS

DOCUMENT NUMBER: 149:315811

TITLE: Carotenoid analogs and derivatives in the treatment of prostate cancer

INVENTOR(S): King, Timothy J.; Lockwood, Samuel F.; Hieber, Andrew David; Shubin, Nicholas J.; Jackson, Henry J.; Nadolski, Geoffry T.

PATENT ASSIGNEE(S): Cardax Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 96pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008106606	A2	20080904	WO 2008-US55334	20080228
WO 2008106606	A3	20090702		
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			

PRIORITY APPLN. INFO.:

US 2007-904070P

P 20070228

OTHER SOURCE(S):

MARPAT 149:315811

IT 960121-66-8

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

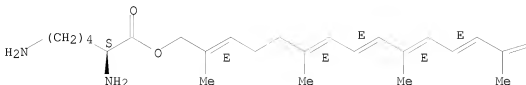
(carotenoid analogs and derivs. in the treatment of prostate cancer)

RN 960121-66-8 CAPLUS

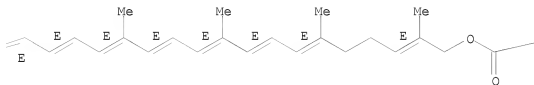
CN L-Lysine, 1,1'-[(1E,1'E)-ψ,ψ-carotene-16,16'-diyl] ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

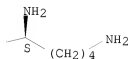
PAGE 1-A



PAGE 1-B



PAGE 1-C

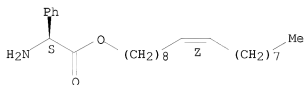


L7 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1072770 CAPLUS
 DOCUMENT NUMBER: 149:324117
 TITLE: Enantiomers of amino-phenyl-acetic acid octadec-9-(Z)-enyl ester, their salts and their uses
 INVENTOR(S): Herzig, Yaacov; Sterling, Jeffrey; Ioffe, Vladimir; Raizi, Yuriy; Miskolczi, Istvan; Zekany, Andras
 PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva Pharmaceuticals USA, Inc.
 SOURCE: PCT Int. Appl., 28pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008106092	A1	20080904	WO 2008-US2472	20080225
W: AE, AG, AL, AM, AO, AI, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,				

TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 US 20080221209 A1 20080911 US 2008-72405 20080225
 PRIORITY APPLN. INFO.: US 2007-903738P P 20070226
 IT 1050481-20-3P 1050481-21-4P 1050481-22-5P
 1050481-23-6P
 RL: PAC (Pharmacological activity); PRP (Properties); PUR (Purification or
 recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (enantiomers of amino-phenyl-acetic acid octadec-9-(Z)-enyl ester,
 their salts and their uses)
 RN 1050481-20-3 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 hydrochloride (1:1), (α S)- (CA INDEX NAME)

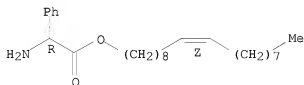
Absolute stereochemistry.
 Double bond geometry as shown.



● HCl

RN 1050481-21-4 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 hydrochloride (1:1), (α R)- (CA INDEX NAME)

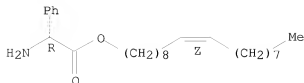
Absolute stereochemistry.
 Double bond geometry as shown.



● HCl

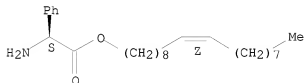
RN 1050481-22-5 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 (α R)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 1050481-23-6 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 (α S)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1071036 CAPLUS
 DOCUMENT NUMBER: 149:299875
 TITLE: Use of long-chain alcohol derivatives for the
 treatment of alopecia areata
 INVENTOR(S): Hayardeny-Nisimov, Liat
 PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva
 Pharmaceuticals Usa, Inc.
 SOURCE: PCI Int. Appl., 31pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008106091	A1	20080904	WO 2008-US2471	20080225
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM US 20080221115 A1 20080911 US 2008-72304 20080225 PRIORITY APPLN. INFO.: US 2007-903784P P 20070226 OTHER SOURCE(S): CASREACT 149:299875; MARPAT 149:299875 IT 1050481-20-3P 1050481-21-4P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU				

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

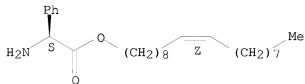
(use of long-chain alc. derivs. for treatment of alopecia areata)

RN 1050481-20-3 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), (α S)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



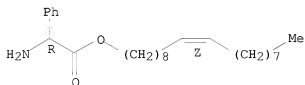
● HCl

RN 1050481-21-4 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), (α R)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



● HCl

IT 1050481-22-5 1050481-22-5D, salts

1050481-23-6 1050481-23-6D, salts

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

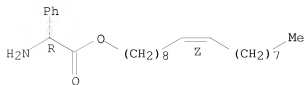
(use of long-chain alc. derivs. for treatment of alopecia areata)

RN 1050481-22-5 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, (α R)- (CA INDEX NAME)

Absolute stereochemistry.

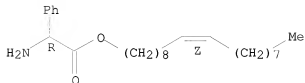
Double bond geometry as shown.



RN 1050481-22-5 CAPLUS

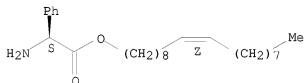
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
(α R)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



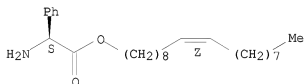
RN 1050481-23-6 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
(α S)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 1050481-23-6 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
(α S)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



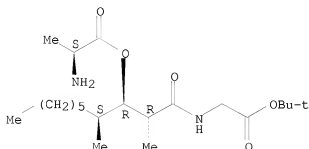
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:1010582 CAPLUS
DOCUMENT NUMBER: 149:246794
TITLE: Preparation of amino acid-fatty acid anhydrides
INVENTOR(S): MacDougall, Joseph
PATENT ASSIGNEE(S): Multi Formulations Ltd., Can.
SOURCE: U.S. Pat. Appl. Publ., 7 pp., Cont.-in-part of U.S.
Ser. No. 676,623.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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AUTHOR(S): Ghosh, Subhash; Pradhan, Tapan Kumar
 CORPORATE SOURCE: Indian Institute of Chemical Technology, Hyderabad,
 500 607, India
 SOURCE: Tetrahedron Letters (2008), 49(22), 3697-3700
 CODEN: TELEAY; ISSN: 0040-4039
 PUBLISHER: Elsevier Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 149:104977
 IT 1034401-97-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (stereoselective total synthesis of emericellamide A)
 RN 1034401-97-2 CAPLUS
 CN Glycine, L-alanyl-(2R,3R,4S)-3-hydroxy-2,4-dimethyldecanoyl-,
 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
 (3 CITINGS)
 REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:446183 CAPLUS
 DOCUMENT NUMBER: 148:441023
 TITLE: Treatment of insulin resistance and associated
 disorders with hydroxycholesterol prodrug derivatives
 Kase, Eili Tranheim; Rustan, Arild Chr.; Thoresen,
 Gunn Hege; Nebb, Hilde Irene; Rongved, Paal;
 Klaveness, Jo; Brudeli, Bjarne
 UNIVERSITETET I OSLO, NORWAY; Dzieglewska, Hanna Eva
 PATENT ASSIGNEE(S): PCT Int. Appl., 55 pp.
 SOURCE: CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008041003	A2	20080410	WO 2007-GB3799	20071008
WO 2008041003	A3	20080529		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
 CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI,
 GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG,
 KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
 MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,

PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
 CA 2665380 A1 20080410 CA 2007-2665380 20071008
 EP 2068884 A2 20090617 EP 2007-824053 20071008
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,
 AL, BA, HR, MK, RS

PRIORITY APPLN. INFO.: GB 2006-19860 A 20061006
 WO 2007-GB3799 W 20071008

OTHER SOURCE(S): MARPAT 148:441023

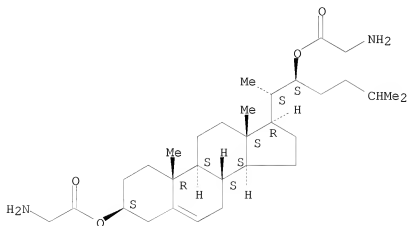
IT 1018667-26-9P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (hydroxycholesterol derivs., preparation and use for insulin resistance and associated disorders)

RN 1018667-26-9 CAPLUS

CN Glycine, 1,1'-(3 β ,22S)-cholest-5-ene-3,22-diyl ester (CA INDEX NAME)

Absolute stereochemistry.



IT 1018667-27-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (hydroxycholesterol derivs., preparation and use for insulin resistance and associated disorders)

RN 1018667-27-0 CAPLUS

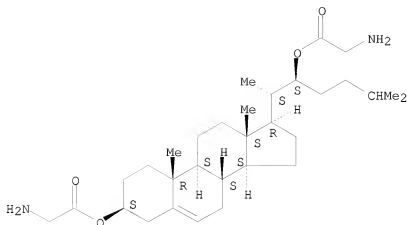
CN Glycine, 1,1'-(3 β ,22S)-cholest-5-ene-3,22-diyl ester, methanesulfonate (1:2) (CA INDEX NAME)

CM 1

CRN 1018667-26-9

CMF C31 H52 N2 O4

Absolute stereochemistry.



CM 2

CRN 75-75-2

CMF C H4 O3 S



L7 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:293084 CAPLUS

DOCUMENT NUMBER: 148:449898

TITLE: Binding of nanoparticle receptors to peptide α -helices using amino acid-functionalized nanoparticles

AUTHOR(S): Ghosh, Partha S.; Han, Gang; Erdogan, Belma; Rosado, Olga; Rotello, Vincent M.

CORPORATE SOURCE: Department of Chemistry, University of Massachusetts, Amherst, MA, 01003, USA

SOURCE: Journal of Peptide Science (2008), 14(2), 134-138
CODEN: JPSIEI; ISSN: 1075-2617

PUBLISHER: John Wiley & Sons Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 148:449898

IT 1019109-45-5DP, pentanethiol-protected gold nanoparticle-bound

1019109-46-6DP, pentanethiol-protected gold nanoparticle-bound

RL: NUU (Other use, unclassified); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

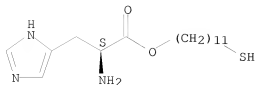
(preparation of amino acid-functionalized nanoparticles, and determination of their

ability to enforce the folding of a peptide into an α -helix)

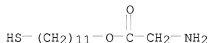
RN 1019109-45-5 CAPLUS

CN L-Histidine, 11-mercaptoundecyl ester (CA INDEX NAME)

Absolute stereochemistry.

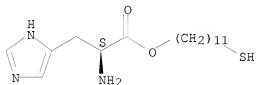


RN 1019109-46-6 CAPLUS
 CN Glycine, 11-mercaptoundecyl ester (CA INDEX NAME)

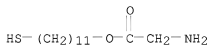


IT 1019109-45-5P 1019109-46-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of amino acid-functionalized nanoparticles, and determination
 of their ability to enforce the folding of a peptide into an α -helix)
 RN 1019109-45-5 CAPLUS
 CN L-Histidine, 11-mercaptoundecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1019109-46-6 CAPLUS
 CN Glycine, 11-mercaptoundecyl ester (CA INDEX NAME)

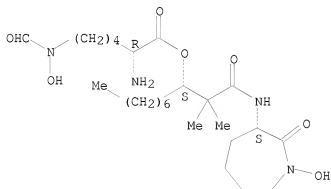


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)
 REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:32315 CAPLUS
 DOCUMENT NUMBER: 148:262866
 TITLE: Syntheses and Biological Activity of Amamistatin B and
 Analogs
 AUTHOR(S): Fennell, Kelley A.; Moellmann, Ute; Miller, Marvin J.
 CORPORATE SOURCE: Department of Chemistry and Biochemistry and Walther
 Cancer Center, University of Notre Dame, Notre Dame,
 IN, 46556, USA
 SOURCE: Journal of Organic Chemistry (2008), 73(3), 1018-1024
 CODEN: JOCEAH; ISSN: 0022-3263
 PUBLISHER: American Chemical Society

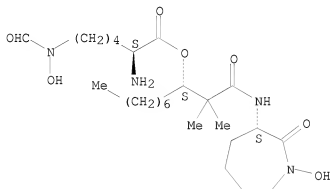
DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 148:262866
 IT 1007123-26-3P 1007123-29-6P 1007123-32-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and biol. activity of amamistatin B and its analogs)
 RN 1007123-26-3 CAPLUS
 CN D-Lysine, N6-formyl-N6-hydroxy-, (1S)-1-[2-[[(3S)-hexahydro-1-hydroxy-2-oxo-1H-azepin-3-yl]amino]-1,1-dimethyl-2-oxoethyl]octyl ester (CA INDEX NAME)

Absolute stereochemistry.



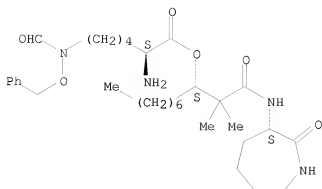
RN 1007123-29-6 CAPLUS
 CN L-Lysine, N6-formyl-N6-hydroxy-, (1S)-1-[2-[[(3S)-hexahydro-1-hydroxy-2-oxo-1H-azepin-3-yl]amino]-1,1-dimethyl-2-oxoethyl]octyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1007123-32-1 CAPLUS
 CN L-Lysine, N6-formyl-N6-(phenylmethoxy)-, (1S)-1-[2-[[(3S)-hexahydro-2-oxo-1H-azepin-3-yl]amino]-1,1-dimethyl-2-oxoethyl]octyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(4 CITINGS)
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:1454986 CAPLUS

DOCUMENT NUMBER: 148:79206

TITLE: Methods for synthesis of carotenoids, including
analogs, derivatives, and synthetic and biological
intermediates

INVENTOR(S): Lockwood, Samuel F.; Tang, Peng Cho; Nadolski, Geoff;
Jackson, Henry L.; Fang, Zhiqiang; Du, Yishu; Yang,
Min; Geiss, William; Williams, Richard; Burdick,
David; Braun, Christi L.

PATENT ASSIGNEE(S): Cardax Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 84 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007147163	A2	20071221	WO 2007-US71482	20070618
WO 2007147163	A3	20080320		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,				
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI,				
GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG,				
KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,				
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,				
PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,				
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,				
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,				
GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,				
BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
US 20080221377	A1	20080911	US 2007-820192	20070618
PRIORITY APPLN. INFO.:			US 2006-814269P	P 20060616

OTHER SOURCE(S): CASREACT 148:79206; MARPAT 148:79206

IT 960121-66-8P 960203-81-OP, Lycophyll di(L-lysinate)
tetrahydrochloride

RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)

(methods for synthesis of carotenoids, including analogs, derivs., and synthetic and biol. intermediates)

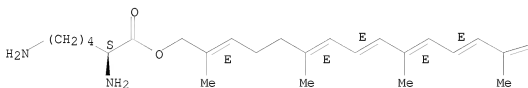
RN 960121-66-8 CAPLUS

CN L-Lysine, 1,1'-[(1E,1'E)-ψ,ψ-carotene-16,16'-diyl] ester (CA INDEX NAME)

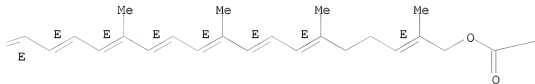
Absolute stereochemistry.

Double bond geometry as shown.

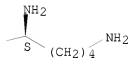
PAGE 1-A



PAGE 1-B



PAGE 1-C



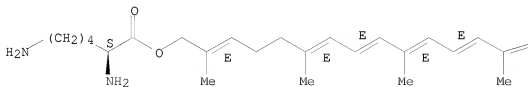
RN 960203-81-0 CAPLUS

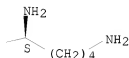
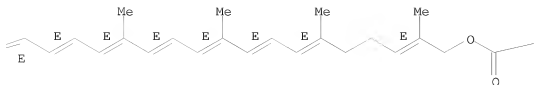
CN L-Lysine, 1,1'-[(1E,1'E)-ψ,ψ-carotene-16,16'-diyl] ester, hydrochloride (1:4) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A





L7 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:1101890 CAPLUS

DOCUMENT NUMBER: 148:33994

TITLE: Reinvestigation of the stereochemistry of kulokekahlide-2

AUTHOR(S): Takada, Yuuki; Mori, Eriko; Umehara, Masahiro; Nakao, Yoichi; Kimura, Junji

CORPORATE SOURCE: Department of Chemistry and Biological Science, College of Science and Engineering, Aoyama Gakuin University, Sagami-hara, Kanagawa, 229-8558, Japan

SOURCE: Tetrahedron Letters (2007), 48(43), 7653-7656

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 148:33994

IT 958855-26-0 958855-47-5

RL: RCT (Reactant); RACT (Reactant or reagent)

(asym. synthesis of kulokekahlide-2 and isomers by peptide coupling, following by macrolactonization or macrolactamization and reinvestigation of stereochem. by comparing their cytotoxicity)

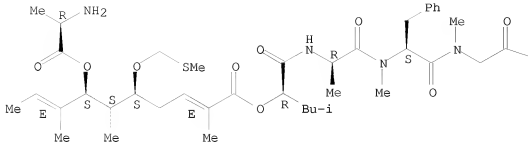
RN 958855-26-0 CAPLUS

CN L-Isoleucine, D-alanyl-(2E,5S,6S,7S,8E)-7-hydroxy-2,6,8-trimethyl-5-[(methylthio)methoxy]-2,8-decadienoyl-(2R)-2-hydroxy-4-methylpentanoyl-D-alanyl-N-methyl-L-phenylalanyl-N-methylglycyl- (CA INDEX NAME)

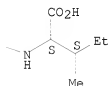
Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

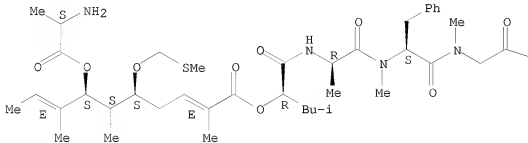


RN 958855-47-5 CAPLUS

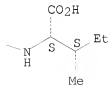
CN L-Isoleucine, L-alanyl-(2E,5S,6S,7S,8E)-7-hydroxy-2,6,8-trimethyl-5-[(methylthio)methoxy]-2,8-decadienoyl-(2R)-2-hydroxy-4-methylpentanoyl-D-alanyl-N-methyl-L-phenylalanyl-N-methylglycyl- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



OS.CITING REF COUNT:	6	THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
REFERENCE COUNT:	12	THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS

L7 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2007:961485 CAPLUS
 DOCUMENT NUMBER: 147:469212
 TITLE: Facile synthesis of chiral unsymmetric perylene
 tetracarboxylic diimides involving α -amino acids
 AUTHOR(S): Sun, Runkun; Xue, Chenming; Owak, Mariam; Peetz, Ralf
 M.; Jin, Shi
 CORPORATE SOURCE: Center for Engineered Polymeric Materials and
 Department of Chemistry, College of Staten Island and
 the Graduate Center, The City University of New York,
 Staten Island, NY, 10314, USA
 SOURCE: Tetrahedron Letters (2007), 48(38), 6696-6699
 CODEN: TELEAY; ISSN: 0040-4039
 PUBLISHER: Elsevier Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 147:469212
 IT 952657-31-7

RL: RCT (Reactant); RACT (Reactant or reagent)
 (facile synthesis of chiral unsym. perylene tetracarboxylic diimides
 using α -amino acids)

RN 952657-31-7 CAPLUS

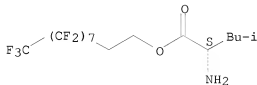
CN L-Leucine, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl
 ester, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 952657-30-6

CMF C16 H16 F17 N O2

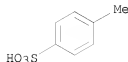
Absolute stereochemistry.



CM 2

CRN 104-15-4

CMF C7 H8 O3 S

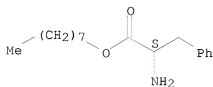


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 (3 CITINGS)

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L7 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:332468 CAPLUS
 DOCUMENT NUMBER: 145:412978
 TITLE: Artificial ribonucleases 6. Ribonuclease activity of tetrapeptides based on amino acids involved in the catalytic site of RNase T1
 AUTHOR(S): Koroleva, L. S.; Donina, A. A.; Tamkovich, N. V.; Kovalev, N. A.; Zenkova, M. A.; Sil'nikov, V. N.
 CORPORATE SOURCE: Institute of Chemical Biology and Fundamental Medicine, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, 630090, Russia
 SOURCE: Russian Chemical Bulletin (2005), 54(11), 2682-2691
 CODEN: RCBUEY; ISSN: 1066-5285
 PUBLISHER: Springer
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 145:412978
 IT 1079824-69-3P 1079828-07-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (RNase activity of tetrapeptides based on amino acids involved in catalytic site of RNase T1)
 RN 1079824-69-3 CAPLUS
 CN L-Phenylalanine, octyl ester, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 CM 1
 CRN 178949-98-9
 CMF C17 H27 N O2

Absolute stereochemistry.

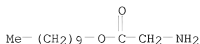


CM 2
 CRN 76-05-1
 CMF C2 H F3 O2



RN 1079828-07-1 CAPLUS
 CN Glycine, decyl ester, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)
 CM 1
 CRN 51110-49-7

CMF C12 H25 N O2



CM 2

CRN 76-05-1

CMF C2 H F3 O2

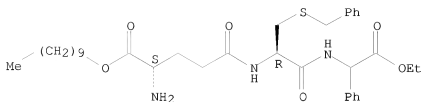


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RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 28 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:414079 CAPLUS
DOCUMENT NUMBER: 138:406943
TITLE: Pharmaceutical compositions containing glutathione
analogs
INVENTOR(S): Kauvar, Lawrence M.; Lum, Robert T.; Lyttle, Matthew
H.; Macsata, Robert W.; Schow, Steven R.; Villar, Hugo
O.; Kozlowski, Michael R.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

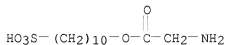
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20030100511	A1	20030529	US 2001-903442	20010710
US 7029695	B2	20060418		
PRIORITY APPLN. INFO.: OTHER SOURCE(S): IT 1068589-39-8 RL: PRPH (Prophetic) (Pharmaceutical compositions containing glutathione analogs) RN 1068589-39-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED		MARPAT 138:406943	US 2001-903442	20010710

Absolute stereochemistry.

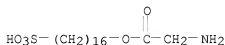


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(2 CITINGS)
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RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1958:22723 CAPLUS
DOCUMENT NUMBER: 52:22723
ORIGINAL REFERENCE NO.: 52:4106b-e
TITLE: Surface activation of medicines. III. Higher
alkanesulfonates
AUTHOR(S): Utsumi, Isamu; Kowaki, Chikara; Baba, Tatsunori;
Takeuchi, Tatsuo
CORPORATE SOURCE: Tanabe Seiyaku Co., Ltd., Osaka
SOURCE: Yakugaku Zasshi (1957), 77, 1271-5
CODEN: YKKZAJ; ISSN: 0031-6903
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 1080342-08-0P 1080342-21-7P 1082059-73-1P
1082060-76-1P 1082062-22-3P
RL: SPN (Synthetic preparation); PRP (Properties); PREP (Preparation)
(Surface activation of medicines. III. Higher alkanesulfonates)
RN 1080342-08-0 CAPLUS
CN Glycine, 10-sulfodecyl ester (CA INDEX NAME)

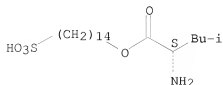


RN 1080342-21-7 CAPLUS
CN Glycine, 16-sulfohexadecyl ester (CA INDEX NAME)



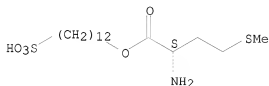
RN 1082059-73-1 CAPLUS
CN L-Leucine, 14-sulfotetradecyl ester (CA INDEX NAME)

Absolute stereochemistry.



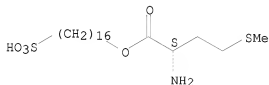
RN 1082060-76-1 CAPLUS
CN L-Methionine, 12-sulfododecyl ester (CA INDEX NAME)

Absolute stereochemistry.



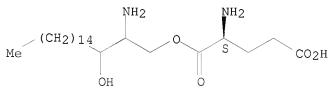
RN 1082062-22-3 CAPLUS
CN L-Methionine, 16-sulfohexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



L7 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1954:776 CAPLUS
DOCUMENT NUMBER: 48:776
ORIGINAL REFERENCE NO.: 48:122c-f
TITLE: The synthesis of dihydrosphingosine
(2-amino-1,3-dihydroxyoctadecane)
AUTHOR(S): Grob, C. A.; Jenny, E. F.
CORPORATE SOURCE: Univ. Basel, Switz.
SOURCE: Helvetica Chimica Acta (1952), 35, 2106-11
CODEN: HCACAV; ISSN: 0018-019X
DOCUMENT TYPE: Journal
LANGUAGE: German
IT 1081975-22-5P
RL: SPN (Synthetic preparation); PRP (Properties); PREP (Preparation)
(The synthesis of dihydrosphingosine (2-amino-1,3-dihydroxyoctadecane))
RN 1081975-22-5 CAPLUS
CN L-Glutamic acid, 1-(2-amino-3-hydroxyoctadecyl) ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)

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COST IN U.S. DOLLARS SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY SESSION
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STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8
DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

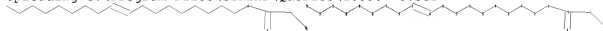
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conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

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exact/norm bonds :
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exact bonds :
2-3 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14 14-15 15-16 16-17 17-18
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Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
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L8 STRUCTURE UPLOADED

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exact bonds :
2-3 12-13 13-14 14-15 22-23

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Match level :
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SEARCH TIME: 00.00.02

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FULL ESTIMATED COST 372.72 1050.74

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPLUS family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

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L12          35 L10

=> s l11
L13          42 L11

=> s l12 or l13
L14          42 L12 OR L13
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nested terms that are not separated by a logical operator.
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L14 ANSWER 1 OF 42  CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:    2008:1399031  CAPLUS
DOCUMENT NUMBER:     149:576302
TITLE:               Preparation of amino acid-fatty acid anhydrides
INVENTOR(S):         MacDougall, Joseph
PATENT ASSIGNEE(S):  Multi Formulations Ltd., Can.
SOURCE:              PCT Int. Appl., 27pp., Cont.-in-part of Ser. No. US
                    2007-676623, filed on 20 Feb 2007
                    CODEN: PIXXD2
DOCUMENT TYPE:       Patent
LANGUAGE:            English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:
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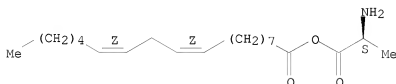
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2008138090	A1	20081120	WO 2007-CAS10	20070510
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KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK,
 MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
 RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM

US 7314945 B1 20080101 US 2007-676623 20070220
 PRIORITY APPLN. INFO.: US 2007-676623 A2 20070220
 OTHER SOURCE(S): CASREACT 149:576302; MARPAT 149:576302

IT 1045742-51-5P, L-Alanine linoleic anhydride
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of amino acid-fatty acid anhydrides as prodrugs with enhanced bioavailability)
 RN 1045742-51-5 CAPLUS
 CN 9,12-Octadecadienoic acid (9Z,12Z)-, anhydride with L-alanine (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1072770 CAPLUS
 DOCUMENT NUMBER: 149:324117
 TITLE: Enantiomers of amino-phenyl-acetic acid octadec-9-(Z)-enyl ester, their salts and their uses
 INVENTOR(S): Herzig, Yaacov; Sterling, Jeffrey; Ioffe, Vladimir; Raizi, Yuriy; Miskolczi, Istvan; Zekany, Andras
 PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva Pharmaceuticals USA, Inc.
 SOURCE: PCI Int. Appl., 28pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008106092	A1	20080904	WO 2008-US2472	20080225
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,				

IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
 TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

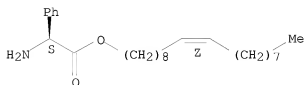
US 20080221209 A1 20080911 US 2008-72405 20080225
 PRIORITY APPLN. INFO.: US 2007-903738P P 20070226
 IT 1050481-20-3P 1050481-21-4P 1050481-22-5P

1050481-23-6P
 RL: PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (enantiomers of amino-phenyl-acetic acid octadec-9-(Z)-enyl ester, their salts and their uses)

RN 1050481-20-3 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), (α S)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

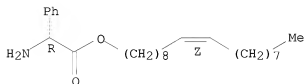


● HCl

RN 1050481-21-4 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), (α R)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

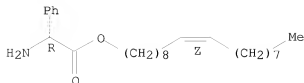


● HCl

RN 1050481-22-5 CAPLUS

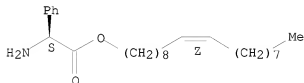
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, (α R)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 1050481-23-6 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 (α S)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1071036 CAPLUS
 DOCUMENT NUMBER: 149:299875
 TITLE: Use of long-chain alcohol derivatives for the
 treatment of alopecia areata
 INVENTOR(S): Hayardeny-Nisimov, Liat
 PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva
 Pharmaceuticals Usa, Inc.
 SOURCE: PCI Int. Appl., 31pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008106091	A1	20080904	WO 2008-US2471	20080225
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,				
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,				
FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,				
KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,				
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,				
PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,				
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,				
IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,				
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD,				
TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,				
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 20080221115	A1	20080911	US 2008-72304	20080225
PRIORITY APPLN. INFO.:			US 2007-903784P	P 20070226
OTHER SOURCE(S): CASREACT 149:299875; MARPAT 149:299875				
IT 769119-20-2P 1050481-20-3P 1050481-21-4P				
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU				

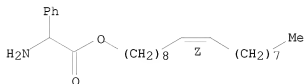
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(use of long-chain alc. derivs. for treatment of alopecia areata)

RN 769119-20-2 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.

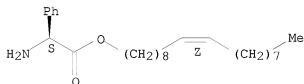


RN 1050481-20-3 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), (α S)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



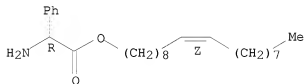
● HCl

RN 1050481-21-4 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), (α R)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



● HCl

IT 744993-53-1 744993-53-1D, salts

769119-20-2D, salts 1050481-22-5

1050481-22-5D, salts 1050481-23-6

1050481-23-6D, salts

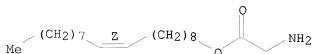
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(use of long-chain alc. derivs. for treatment of alopecia areata)

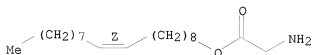
RN 744993-53-1 CAPLUS
CN Glycine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.



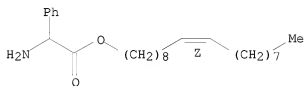
RN 744993-53-1 CAPLUS
CN Glycine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.



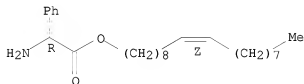
RN 769119-20-2 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.



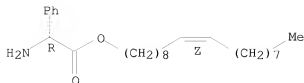
RN 1050481-22-5 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, (α R)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



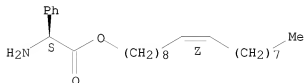
RN 1050481-22-5 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, (α R)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



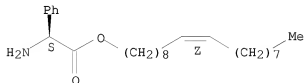
RN 1050481-23-6 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 (α S)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 1050481-23-6 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 (α S)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 4 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1010582 CAPLUS
 DOCUMENT NUMBER: 149:246794
 TITLE: Preparation of amino acid-fatty acid anhydrides
 INVENTOR(S): MacDougall, Joseph
 PATENT ASSIGNEE(S): Multi Formulations Ltd., Can.
 SOURCE: U.S. Pat. Appl. Publ., 7 pp., Cont.-in-part of U.S.
 Ser. No. 676,623.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080200725	A1	20080821	US 2007-747203	20070510
US 7511162	B2	20090331		
US 7314945	B1	20080101	US 2007-676623	20070220
CA 2621925	A1	20080820	CA 2008-2621925	20080220

US 20080281113 A1 20081113 US 2008-99306 20080408
 PRIORITY APPLN. INFO.: US 2007-676623 A2 20070220
 CA 2007-2577439 A 20070220
 US 2007-747203 A 20070510

OTHER SOURCE(S): MARPAT 149:246794

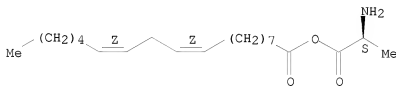
IT 1045742-51-5P

RL: PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use);
 BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of amino acid-fatty acid anhydrides)

RN 1045742-51-5 CAPLUS

CN 9,12-Octadecadienoic acid (9Z,12Z)-, anhydride with L-alanine (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 5 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:734313 CAPLUS

DOCUMENT NUMBER: 149:57149

TITLE: Additive for lubricating oil

INVENTOR(S): Hiroyoshi, Akira; Nakayama, Shingo; Amemiya, Nobuhito;
 Kato, Shigeaki; Inayama, Toshihiro; Isogai, Yukihiro;
 Minami, Ichiro; Mori, Shigeyuki

PATENT ASSIGNEE(S): Kyowa Hakko Chemical Co., Ltd., Japan

SOURCE: PCI Int. Appl., 50pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008072740	A1	20080619	WO 2007-JP74158	20071214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
JP 2008169366	A	20080724	JP 2007-123388	20070508

PRIORITY APPLN. INFO.:

JP 2006-337118 A 20061214
 JP 2007-123388 A 20070508

OTHER SOURCE(S): MARPAT 149:57149

IT 1033000-60-0P 1033000-68-8P

RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(production of lubricating oil additives)

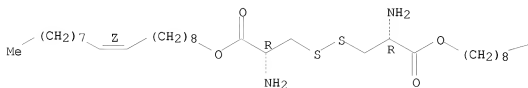
RN 1033000-60-0 CAPLUS

CN L-Cystine, 1,1'-di-(9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

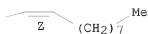
Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

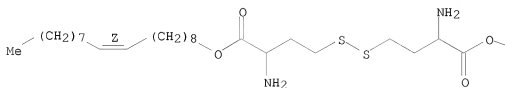


RN 1033000-68-8 CAPLUS

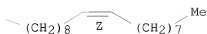
CN Butanoic acid, 4,4'-dithiobis[2-amino-, 1,1'-di-(9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:941862 CAPLUS

DOCUMENT NUMBER: 147:301398

TITLE: Preparation of nucleoside aryl phosphoramidates for the treatment of RNA-dependent RNA viral infection

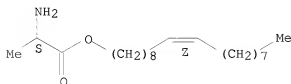
INVENTOR(S): Maccoss, Malcolm; Olsen, David B.; Donghi, Monica;

PATENT ASSIGNEE(S): Gardelli, Cristina; Harper, Steven; Meppen, Malte; Narjes, Frank; Pacini, Barbara
 Merck & Co., Inc., USA; Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A.
 SOURCE: PCT Int. Appl., 61 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007095269	A2	20070823	WO 2007-US3862	20070212
WO 2007095269	A3	20071115		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
AU 2007215114	A1	20070823	AU 2007-215114	20070212
CA 2637879	A1	20070823	CA 2007-2637879	20070212
EP 1987050	A2	20081105	EP 2007-750684	20070212
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR JP 2009526850 T 20090723 JP 2008-555315 20070212 CN 101384609 A 20090311 CN 2007-80005274 20080813				
PRIORITY APPLN. INFO.:			US 2006-773009P	P 20060214
			US 2006-832832P	P 20060724
			WO 2007-US3862	W 20070212

OTHER SOURCE(S): MARPAT 147:301398
 IT 946511-96-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of nucleoside aryl phosphoramidates for treatment of RNA-dependent RNA viral infection)
 RN 946511-96-2 CAPLUS
 CN L-Alanine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

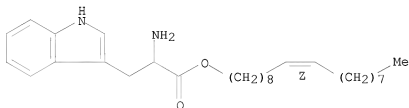
Absolute stereochemistry.
 Double bond geometry as shown.



L14 ANSWER 7 OF 42 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2005:40493 CAPLUS
 DOCUMENT NUMBER: 143:120196
 TITLE: Controlling release from the lipidic cubic phase by selective alkylation

AUTHOR(S): Clogston, J.; Craciun, G.; Hart, D. J.; Caffrey, M.
 CORPORATE SOURCE: Department of Chemical Engineering, The Ohio State University, Columbus, OH, 43210, USA
 SOURCE: Journal of Controlled Release (2005), 102(2), 441-461
 CODEN: JCREEC; ISSN: 0168-3659
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 857261-96-2P
 RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (controlling release from the lipidic cubic phase by selective alkylation)
 RN 857261-96-2 CAPLUS
 CN Tryptophan, (9Z)-9-octadecenyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



● HCl

OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 8 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:670857 CAPLUS
 DOCUMENT NUMBER: 142:28141
 TITLE: Cationic dimeric amphiphiles as agents for transfection and method for their preparing
 INVENTOR(S): Sebyakin, Yu. L.; Skripnikova, M. A.
 PATENT ASSIGNEE(S): Moskovskaya Gosudarstvennaya Akademiya Tonkoi Khimicheskoi Tekhnologii im. M. V. Lomonosova, Russia
 SOURCE: Russ., No pp. given
 CODEN: RUXXE7
 DOCUMENT TYPE: Patent
 LANGUAGE: Russian
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

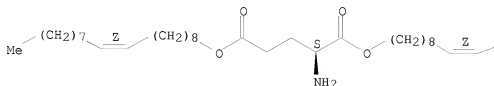
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
RU 2233834	C2	20040810	RU 2002-113164	20020521
PRIORITY APPLN. INFO.:			RU 2002-113164	20020521
OTHER SOURCE(S):			MARPAT 142:28141	
IT 110934-23-1				

RL: PRP (Properties); RCT (Reactant); RACT (Reactant or reagent)
 (cationic dimeric amphiphiles as agents for transfection and method for their preparing)

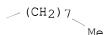
RN 110934-23-1 CAPLUS
CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

L14 ANSWER 9 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:331902 CAPLUS

DOCUMENT NUMBER: 140:350562

TITLE: Basic esters of fatty alcohols and their use as
antiinflammatory or immunomodulatory agents

INVENTOR(S): Shinitzky, Meir; Cohen, Irun R.; Margalit, Raanan;
Herzig, Yaacov; Sterling, Jeffrey; Toth, Gyorgy;
Miskolczi, Istvan; Rantal, Ferenc; Tamas, Tivadar
PATENT ASSIGNEE(S): Yeda Research and Development Co. Ltd., Israel
SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

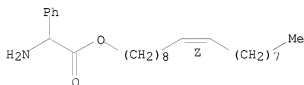
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004032824	A2	20040422	WO 2003-IL820	20031009
WO 2004032824	A3	20040826		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2501318	A1	20040422	CA 2003-2501318	20031009
AU 2003269466	A1	20040504	AU 2003-269466	20031009
AU 2003269466	B2	20090820		
BR 2003014554	A	20050809	BR 2003-14554	20031009

CN 1703394	A	20051130	CN 2003-80101149	20031009
JP 2006502213	T	20060119	JP 2004-542766	20031009
ZA 2005002613	A	20061025	ZA 2005-2613	20031009
NZ 539106	A	20070223	NZ 2003-539106	20031009
RU 2337093	C2	20081027	RU 2005-114374	20031009
IN 2005DN01363	A	20090109	IN 2005-DN1363	20050405
MX 2005003870	A	20050622	MX 2005-3870	20050408
NO 2005002229	A	20050706	NO 2005-2229	20050509
US 20060173053	A1	20060803	US 2003-530776	20051219
PRIORITY APPLN. INFO.:			US 2002-417157P	P 20021010
			WO 2003-IL820	W 20031009

OTHER SOURCE(S): MARPAT 140:350562
 IT 681235-45-0
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (basic esters of fatty alcs. and use as antiinflammatory or immunomodulatory agents)
 RN 681235-45-0 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1) (CA INDEX NAME)

Double bond geometry as shown.



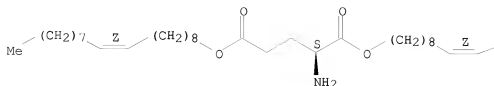
● HCl

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
 REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

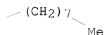
L14 ANSWER 10 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2000:633457 CAPLUS
 DOCUMENT NUMBER: 133:350478
 TITLE: Surface imprinted polymers recognizing amino acid chirality
 AUTHOR(S): Yoshida, Masahiro; Uezu, Kazuya; Goto, Masahiro; Furusaki, Shintaro
 CORPORATE SOURCE: Department of Chemical Systems and Engineering, Kyushu University, Fukuoka, 812-8581, Japan
 SOURCE: Journal of Applied Polymer Science (2000), 78(4), 695-703
 CODEN: JAPNAB; ISSN: 0021-8995
 PUBLISHER: John Wiley & Sons, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 110934-23-1
 RL: MOA (Modifier or additive use); USES (Uses)
 (emulsion stabilizer; preparation of tryptophan-imprinted, phenylphosphonate host mol.-containing DVB polymers for chiral recognition of amino acids via competitive adsorption)
 RN 110934-23-1 CAPLUS
 CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 11 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:190909 CAPLUS

DOCUMENT NUMBER: 132:231975

TITLE: Tryptophanyl esters and their N-acyl derivatives for the prevention and treatment of diseases caused or exacerbated by oxidative processes

INVENTOR(S): Behl, Christian; Moosmann, Bernd

PATENT ASSIGNEE(S): Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V., Germany

SOURCE: PCT Int. Appl., 24 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000015206	A2	20000323	WO 1999-EP6819	19990915
WO 2000015206	A3	20000810		
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19842416	A1	20000413	DE 1998-19842416	19980916
EP 1113795	A2	20010711	EP 1999-947352	19990915
EP 1113795	B1	20050713		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002524499	T	20020806	JP 2000-569790	19990915
AT 299373	T	20050715	AT 1999-947352	19990915
US 20010014695	A1	20010816	US 2001-810152	20010316
US 20040176436	A1	20040909	US 2004-788608	20040227
PRIORITY APPLN. INFO.:			DE 1998-19842416	A 19980916
			WO 1999-EP6819	W 19990915

IT 261734-54-7 261734-55-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

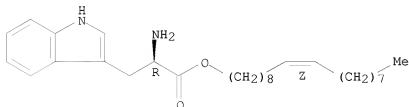
(tryptophanyl esters and their N-acyl derivs. for prevention and treatment of diseases caused or exacerbated by oxidative processes)

RN 261734-54-7 CAPLUS

CN D-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

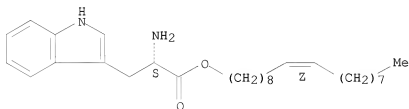


RN 261734-55-8 CAPLUS

CN L-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



REFERENCE COUNT: 5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 12 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:691113 CAPLUS

DOCUMENT NUMBER: 131:327523

TITLE: Glutathione derivatives as hematopoiesis promoters and dosage forms thereof

INVENTOR(S): Sakon, Kiyoyuki; Naniwa, Yoshimitsu; Kobayashi, Mitsuru; Miura, Daishiro; Imai, Hiroshi; Imaizumi, Atsushi

PATENT ASSIGNEE(S): Teijin Limited, Japan

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9954346	A1	19991028	WO 1999-JP2044	19990416
W: AU, CA, CN, ID, JP, KR, SG, US				

CA 2328731	A1	19991028	CA 1999-2328731	19990416
AU 9933445	A	19991108	AU 1999-33445	19990416
AU 766515	B2	20031016		
EP 1072608	A1	20010131	EP 1999-914763	19990416
EP 1072608	B1	20050615		

TW 576838	B	20040221	TW 1999-88106145	19990416
AT 297945	T	20050715	AT 1999-914763	19990416
JP 4059627	B2	20080312	JP 2000-544684	19990416
US 6627732	B1	20030930	US 2000-673449	20001016
US 20040018985	A1	20040129	US 2003-622799	20030721

JP 1998-106359	A	19980416
WO 1999-JP2044	W	19990416
US 2000-673449	A3	20001016

MARPAT 131:327523

IT 247232-89-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(glutathione derivs. as hematopoiesis promoters and dosage forms thereof)

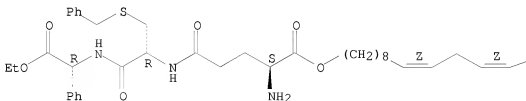
RN 247232-89-9 CAPLUS

CN Glycine, L- γ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
3-ethyl 1-(9Z,12Z,15Z)-9,12,15-octadecatrienyl ester, monohydrochloride,
(2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

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● HCl

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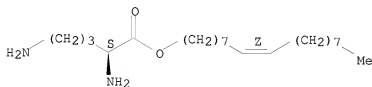


OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 1999:682843 CAPLUS
 DOCUMENT NUMBER: 132:127590
 TITLE: Synthesis of a single-tailed cationic lipid and investigation of its transfection
 AUTHOR(S): Tang, F.; Hughes, J. A.
 CORPORATE SOURCE: Department of Pharmaceutics, College of Pharmacy, University of Florida, Gainesville, FL, USA
 SOURCE: Journal of Controlled Release (1999), 62(3), 345-358
 CODEN: JCREEC; ISSN: 0168-3659
 PUBLISHER: Elsevier Science Ireland Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 256340-83-7P
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of a single-tailed cationic lipid and investigation of its transfection)
 RN 256340-83-7 CAPLUS
 CN L-Ornithine, (8Z)-8-heptadecen-1-yl ester (CA INDEX NAME)

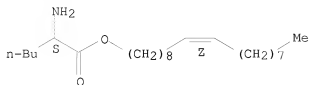
Absolute stereochemistry.
 Double bond geometry as shown.



OS.CITING REF COUNT: 28 THERE ARE 28 CAPLUS RECORDS THAT CITE THIS RECORD (28 CITINGS)
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 14 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1998:597868 CAPLUS
 DOCUMENT NUMBER: 130:1638
 TITLE: The inhibition of pancreatic lipase and phospholipase A2 by lipid mimetics and lipopeptides
 AUTHOR(S): Nicolaou, Anna; Kokotos, George; Constantinou-Kokotou, Violetta; Ransac, Stephane; Verger, Robert; Gibbons, William A.
 CORPORATE SOURCE: Univ.-Industry Centre for Pharmaceutical Research, School of Pharmacy, University of London, London, WC1N 1AX, UK
 SOURCE: Peptides 1996, Proceedings of the European Peptide Symposium, 24th, Edinburgh, Sept. 8-13, 1996 (1998), Meeting Date 1996, 679-680. Editor(s): Ramage, Robert; Epton, Roger. Mayflower Scientific: Kingswinford, UK.
 CODEN: 66RCA5
 DOCUMENT TYPE: Conference
 LANGUAGE: English
 IT 215872-29-0
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (inhibition of pancreatic lipase and phospholipase A2 by lipid mimetics and lipopeptides)
 RN 215872-29-0 CAPLUS
 CN L-Norleucine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 15 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:544783 CAPLUS

DOCUMENT NUMBER: 127:236982

ORIGINAL REFERENCE NO.: 127:46197a, 46200a

TITLE: Extraction of rare earth metals using liquid
surfactant membranes in a Mixco extractor

AUTHOR(S): Uezu, K.; Irie, S.; Yoshimura, O.; Goto, M.; Nakashio,
F.

CORPORATE SOURCE: Department of Chemical Science and Technology, Kyushu
University, Japan

SOURCE: Chemical Engineering Research and Design (1997),
75(A5), 513-518

PUBLISHER: CODEN: CERDEE; ISSN: 0263-8762

DOCUMENT TYPE: Institution of Chemical Engineers

LANGUAGE: Journal

IT 110934-23-1D, quaternary ammonium chloride

RL: NUU (Other use, unclassified); USES (Uses)

(surfactant; extraction of rare earth metals using liquid surfactant
membranes

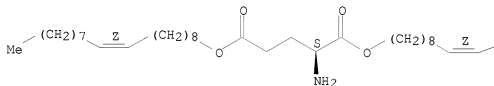
in a Mixco extractor)

RN 110934-23-1 CAPLUS

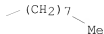
CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

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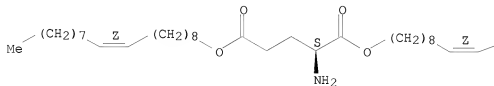
OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD

(3 CITINGS)
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

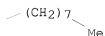
L14 ANSWER 16 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1996:630529 CAPLUS
DOCUMENT NUMBER: 126:8443
ORIGINAL REFERENCE NO.: 126:1883a,1886a
TITLE: Synthesis of glycolipids containing disaccharides and
two longer alkyl chains and their applications as
enzyme modifiers
AUTHOR(S): Zhang, Zhongzhi; Fukunaga, Kimitoshi; Sugimura,
Yoshiaki; Nakao, Katsumi; Shimizu, Toshimi
CORPORATE SOURCE: Faculty Engineering, Yamaguchi Univ., Ube, 755, Japan
SOURCE: Carbohydrate Research (1996), 292, 47-59
CODEN: CRBRAT; ISSN: 0008-6215
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 110934-23-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of glycolipids containing disaccharides and two longer alkyl
chains and their applications as enzyme modifiers)
RN 110934-23-1 CAPLUS
CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

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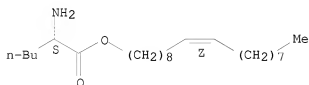
OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(4 CITINGS)

L14 ANSWER 17 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1996:544433 CAPLUS
DOCUMENT NUMBER: 125:301536
ORIGINAL REFERENCE NO.: 125:56455a
TITLE: Synthesis of lipidic amino acid and dipeptide
inhibitors of human platelet phospholipase A2
AUTHOR(S): Kokotos, George; Constantinou-Kokotou, Violetta;
Noula, Caterina; Nicolaou, Anna; Gibbons, William A.
CORPORATE SOURCE: Dep. Chem., Univ. Athens, Greece
SOURCE: International Journal of Peptide & Protein Research

(1996), 48(2), 160-166
CODEN: IJPPC3; ISSN: 0367-8377
Munksgaard
Journal
English

PUBLISHER:
DOCUMENT TYPE:
LANGUAGE:
IT 182617-36-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis of lipidic amino acid and dipeptide inhibitors of human platelet phospholipase A2)
RN 182617-36-3 CAPLUS
CN L-Norleucine, 9-octadecenyl ester, hydrochloride, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.

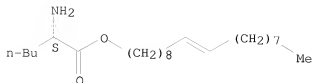


● HCl

OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)

L14 ANSWER 18 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1996:101774 CAPLUS
DOCUMENT NUMBER: 124:168957
ORIGINAL REFERENCE NO.: 124:31203a,31206a
TITLE: Lipidic mimetics as inhibitors of pancreatic phospholipase A2
AUTHOR(S): Nicolaou, Anna; Kokotos, George; Constantinou, Violeta; York, Jelena; Gibbons, William A.
CORPORATE SOURCE: U.I.C.P.R., Univ. of London, London, WC1N 1AX, UK
SOURCE: Biochemical Society Transactions (1995), 23(4), 614S
CODEN: BCSTB5; ISSN: 0300-5127
PUBLISHER: Portland Press
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 174023-65-5
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(lipidic mimetics as inhibitors of pancreatic phospholipase A2)
RN 174023-65-5 CAPLUS
CN L-Norleucine, 9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L14 ANSWER 19 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1994:330807 CAPLUS

DOCUMENT NUMBER: 120:330807

ORIGINAL REFERENCE NO.: 120:58039a,58042a

TITLE: Preparation of proteins having long-chain alkyl groups and hair treatment agents containing them

INVENTOR(S): Magara, Tsunao; Komazaki, Hisayuki; Tajima, Masahiro; Kumano, Yoshimaru; Tomita, Kenichi

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06024945	A	19940201	JP 1993-125000	19930428
JP 08025857	B	19960313		

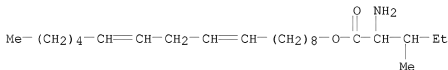
PRIORITY APPLN. INFO.: JP 1993-125000 19930428

IT 100462-95-1DP, L-Isoleucine linoleyl ester, reaction products with lysozyme

RL: PREP (Preparation)
(preparation of, as hair treatment agent, with high adsorption to hair)

RN 100462-95-1 CAPLUS

CN L-Isoleucine, 9,12-octadecadienyl ester, (Z,Z)- (9CI) (CA INDEX NAME)



L14 ANSWER 20 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1993:539777 CAPLUS

DOCUMENT NUMBER: 119:139777

ORIGINAL REFERENCE NO.: 119:25103a,25106a

TITLE: Acylated amino acid ester derivatives as low calorie fat mimetics

INVENTOR(S): Yarger, Ronald G.; Klemann, Lawrence P.; Finley, John W.

PATENT ASSIGNEE(S): Nabisco, Inc., USA

SOURCE: U.S., 17 pp. Cont.-in-part of U.S. Ser. No. 409,254, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

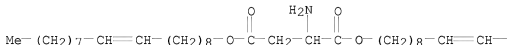
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 5190782	A	19930302	US 1991-690732	19910424
PRIORITY APPLN. INFO.:				US 1989-409254	B2 19890919
OTHER SOURCE(S):	MARPAT 119:139777				
IT	145514-50-7P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation and acylation of, with oleoyl chloride)				
RN	145514-50-7 CAPLUS				
CN	L-Aspartic acid, di-9-octadecenyl ester, (Z,Z)- (9CI) (CA INDEX NAME)				

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—(CH₂)₇—Me

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 21 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1993:456818 CAPLUS

DOCUMENT NUMBER: 119:56818

ORIGINAL REFERENCE NO.: 119:10103a,10106a

TITLE: Study on the stability of emulsion liquid membrane with moving single drop method

AUTHOR(S): Zhang, Hezhe; Bai, Guangyue; Wang, Yujie; Yan, Zhong

CORPORATE SOURCE: Dep. Chem., Northeast Norm. Univ., Changchun, 130024, Peop. Rep. China

SOURCE: Wuli Huaxue Xuebao (1993), 9(2), 233-7

CODEN: WHXUEU; ISSN: 1000-6818

DOCUMENT TYPE: Journal

LANGUAGE: Chinese

IT 110934-23-1

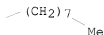
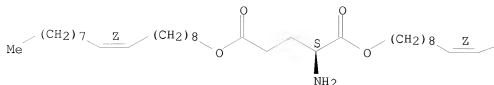
RL: PRP (Properties)

(stability of emulsion liquid membrane containing)

RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L14 ANSWER 22 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1993:142991 CAPLUS

DOCUMENT NUMBER: 118:142991

ORIGINAL REFERENCE NO.: 118:24495a,24498a

TITLE: Ionic reservoir at electrode surface, and linker preparation

INVENTOR(S): King, Lionel George; Raguse, Burkhard; Cornell, Bruce Andrew; Pace, Ronald John

PATENT ASSIGNEE(S): Australian Membrane and Biotechnology Research Institute, Australia

SOURCE: PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9217788	A1	19921015	WO 1992-AU132	19920327
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
CA 2106966	A1	19920928	CA 1992-2106966	19920327
CA 2106966	C	20030617		
AU 9214657	A	19921102	AU 1992-14657	19920327
AU 666113	B2	19960201		
JP 06506061	T	19940707	JP 1992-507085	19920327
EP 639269	A1	19950222	EP 1992-907785	19920327
EP 639269	B1	20020612		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
AT 219244	T	20020615	AT 1992-907785	19920327
ES 2178636	T3	20030101	ES 1992-907785	19920327
US 5401378	A	19950328	US 1993-119166	19930921
PRIORITY APPLN. INFO.:				
			AU 1991-5324	A 19910327
			AU 1991-9827	A 19911203
			WO 1992-AU132	A 19920327

OTHER SOURCE(S): MARPAT 118:142991

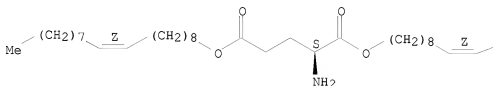
IT 110934-23-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in linker mol. preparation for membrane electrode)

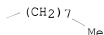
RN 110934-23-1 CAPLUS
CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



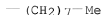
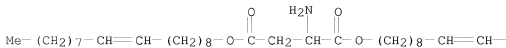
PAGE 1-B



OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS
RECORD (18 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 23 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1993:58502 CAPLUS
DOCUMENT NUMBER: 118:58502
ORIGINAL REFERENCE NO.: 118:10477a,10480a
TITLE: Amide linked low-calorie fat mimetics
INVENTOR(S): Klemann, Lawrence P.; Finley, John W.; Yarger, Ronald G.
PATENT ASSIGNEE(S): Nabisco, Inc., USA
SOURCE: U.S., 20 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5139807	A	19920818	US 1990-626845	19901213
PRIORITY APPLN. INFO.:			US 1990-626845	19901213
OTHER SOURCE(S):	MARPAT 118:58502			
IT 145514-50-7P, Dioleoyl aspartate				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(preparation and reaction of, in manufacture of didodecyl succinyl dioleoyl aspartyl succinate, as low-calorie fat mimetic)				
RN 145514-50-7 CAPLUS				
CN L-Aspartic acid, di-9-octadecenyl ester, (Z,Z)- (9CI) (CA INDEX NAME)				



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 24 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1992:615001 CAPLUS

DOCUMENT NUMBER: 117:215001

ORIGINAL REFERENCE NO.: 117:37123a,37126a

TITLE: Synthesis and surface activities of glutamic acid
dialkyl ester

AUTHOR(S): Zhang, Hezhe; Bai, Guangyue; Wang, Yujie; Yan, Zhong
CORPORATE SOURCE: Dep. Chem., Northeast Norm. Univ., Changchun, 130024,
Peop. Rep. China

SOURCE: Gaodeng Xuexiao Huaxue Xuebao (1992), 13(6), 816-18
CODEN: KTHPDM; ISSN: 0251-0790

DOCUMENT TYPE: Journal

LANGUAGE: Chinese

IT 110934-23-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

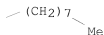
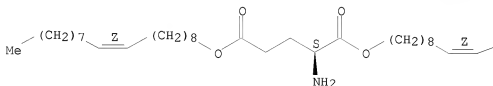
(preparation and reaction of, with gluconic acid ester)

RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

L14 ANSWER 25 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1992:78616 CAPLUS
DOCUMENT NUMBER: 116:78616
ORIGINAL REFERENCE NO.: 116:13251a,13254a
TITLE: Fish attractants containing amino acid fatty acid esters
INVENTOR(S): Nishina, Atsuro
PATENT ASSIGNEE(S): Nippon Oil and Fats Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

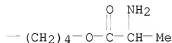
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 03170405	A	19910724	JP 1989-309837	19891129

PRIORITY APPLN. INFO.:
IT 138893-36-4
RL: BIOL (Biological study)
(fish attractant)
RN 138893-36-4 CAPLUS
CN L-Alanine, 5,8,11,14,17-eicosapentaenyl ester, (all-Z)- (9CI) (CA INDEX NAME)

PAGE 1-A



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L14 ANSWER 26 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1990:139824 CAPLUS
DOCUMENT NUMBER: 112:139824
ORIGINAL REFERENCE NO.: 112:23655a,23658a
TITLE: Alpha-amino-carboxylic-acid derivatives, their preparation and use as drug carriers
INVENTOR(S): Rosenberg, Joerg; Gruenhagen, Hans Heinrich; Lenke, Dieter
PATENT ASSIGNEE(S): Knoll A.-G. Chemische Fabriken, Fed. Rep. Ger.
SOURCE: Eur. Pat. Appl., 8 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 331092	A2	19890906	EP 1989-103446	19890228
EP 331092	A3	19901107		
EP 331092	B1	19930804		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL				
DE 3806852	A1	19890914	DE 1988-3806852	19880303
CA 1333719	C	19941227	CA 1989-591812	19890222
AT 92469	T	19930815	AT 1989-103446	19890228
ES 2058360	T3	19941101	ES 1989-103446	19890228
JP 02003642	A	19900109	JP 1989-48676	19890302
JP 2585785	B2	19970226		
US 5370877	A	19941206	US 1993-40582	19930331
PRIORITY APPLN. INFO.:			DE 1988-3806852	A 19880303
			EP 1989-103446	A 19890228
			US 1989-318134	B1 19890302
			US 1990-626317	B1 19901213
			US 1992-953296	B3 19920930

OTHER SOURCE(S): CASREACT 112:139824; MARPAT 112:139824

IT 125401-73-2P

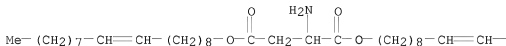
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and acylation of, with succinic anhydride, in preparation of drug carrier)

RN 125401-73-2 CAPLUS

CN L-Aspartic acid, di-9-octadecenyl ester, hydrochloride, (Z,Z)- (9CI) (CA INDEX NAME)

PAGE 1-A



● HCl

PAGE 1-B

— (CH₂)₇—Me

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L14 ANSWER 27 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:622048 CAPLUS

DOCUMENT NUMBER: 111:222048

ORIGINAL REFERENCE NO.: 111:36713a, 36716a

TITLE: High-sensitivity silver halide photographic materials

INVENTOR(S): Meji, Iku; Pponda, Bon; Hiraoka, Junichiro; Takemoto, Taira; Murakami, Umeji; Arai, Soichi

PATENT ASSIGNEE(S): Konica Co., Japan; Kanebo, Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

DOCUMENT TYPE: CODEN: JKXXAF
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1 Japanese
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 01166032	A	19890629	JP 1987-324279	19871222
	JP 2522682	B2	19960807		

PRIORITY APPLN. INFO.: JP 1987-324279 19871222

IT 98474-40-9D, reaction products with proteins
 RL: USES (Uses)
 (emulsifier for photog. materials from)

RN 98474-40-9 CAPLUS

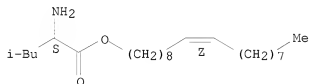
CN L-Leucine, 9-octadecenyl ester, (Z)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 98474-39-6

CMF C24 H47 N O2

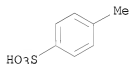
Absolute stereochemistry.
 Double bond geometry as shown.



CM 2

CRN 104-15-4

CMF C7 H8 O3 S



IT 98474-40-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, with protein lysate in the presence of papain, emulsifier for photog. materials from)

RN 98474-40-9 CAPLUS

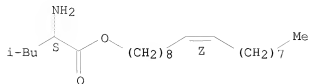
CN L-Leucine, 9-octadecenyl ester, (Z)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 98474-39-6

CMF C24 H47 N O2

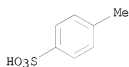
Absolute stereochemistry.
Double bond geometry as shown.



CM 2

CRN 104-15-4

CMF C7 H8 O3 S



L14 ANSWER 28 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:443128 CAPLUS

DOCUMENT NUMBER: 111:43128

ORIGINAL REFERENCE NO.: 111:7293a,7296a

TITLE: Separation of copper from a leaching solution of

manganese nodules by liquid surfactant membranes

AUTHOR(S): Matsumoto, Michiaki; Goto, Masahiro; Kondo, Kazuo;

Nakashio, Fumiyuki

CORPORATE SOURCE: Dep. Org. Synth., Kyushu Univ., Fukuoka, 812, Japan

SOURCE: Kagaku Kogaku Ronbunshu (1989), 15(3), 533-9

CODEN: KKRBW; ISSN: 0386-216X

DOCUMENT TYPE: Journal

LANGUAGE: Japanese

IT 110934-23-1

RL: PROC (Process)

(extraction by, of copper from solution from leaching of manganese nodules
by

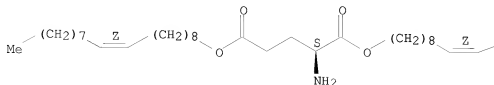
sulfuric acid)

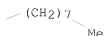
RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A





OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L14 ANSWER 29 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:612837 CAPLUS

DOCUMENT NUMBER: 109:212837

ORIGINAL REFERENCE NO.: 109:35209a,35212a

TITLE: Role of surfactants in the behavior of emulsion liquid membranes - development of new surfactants

AUTHOR(S): Nakashio, Fumiyuki; Goto, Masahiro; Matsumoto, Michiaki; Irie, Jin; Kondo, Kazuo

CORPORATE SOURCE: Dep. Org. Synth., Kyushu Univ., Fukuoka, 812, Japan

SOURCE: Journal of Membrane Science (1988), 38(3), 249-60

CODEN: JMESDO; ISSN: 0376-7388

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 110934-23-1

RL: TEM (Technical or engineered material use); USES (Uses)

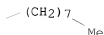
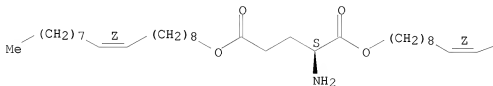
(surfactants, for emulsion liquid membranes, for extraction of copper)

RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)

L14 ANSWER 30 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:495148 CAPLUS

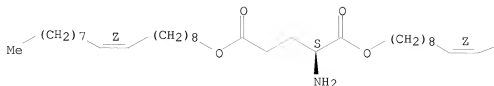
DOCUMENT NUMBER: 109:95148

ORIGINAL REFERENCE NO.: 109:15867a,15870a

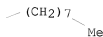
TITLE: Selection of break-up tracer for evaluation of stability of liquid surfactant membrane

Double bond geometry as shown.

PAGE 1-A



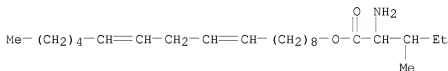
PAGE 1-B



L14 ANSWER 32 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1986:95257 CAPLUS
 DOCUMENT NUMBER: 104:95257
 ORIGINAL REFERENCE NO.: 104:14997a,15000a
 TITLE: Amino acid alkyl ester-modified proteins as emulsifiers for cosmetics and as hair protectants
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60112800	A	19850619	JP 1983-219117	19831121
JP 06034735	B	19940511		

PRIORITY APPLN. INFO.: JP 1983-219117 19831121
 IT 100462-95-1D, reaction products with lysozyme
 RL: BIOL (Biological study)
 (for cosmetics and hair preps.)
 RN 100462-95-1 CAPLUS
 CN L-Isoleucine, 9,12-octadecadienyl ester, (Z,Z)- (9CI) (CA INDEX NAME)

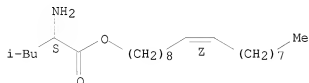


L14 ANSWER 33 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1985:583581 CAPLUS
 DOCUMENT NUMBER: 103:183581
 ORIGINAL REFERENCE NO.: 103:29495a,29498a
 TITLE: Emulsified composition containing protein condensates with amino acid alkyl esters

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60097043	A	19850530	JP 1983-205528	19831101
JP 03059736	B	19910911		
PRIORITY APPLN. INFO.:			JP 1983-205528	19831101
IT 98474-39-6D, globulin condensates				
RL: BIOL (Biological study)				
(cosmetic and pharmaceutical emulsions containing polyols and)				
RN 98474-39-6 CAPLUS				
CN L-Leucine, 9-octadecenyl ester, (Z)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.
 Double bond geometry as shown.

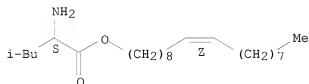


L14 ANSWER 34 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1985:546979 CAPLUS
 DOCUMENT NUMBER: 103:146979
 ORIGINAL REFERENCE NO.: 103:23471a,23474a
 TITLE: Proteinous emulsifier, its preparation, and cosmetics containing the emulsifier
 INVENTOR(S): Mori, Kenji; Morita, Kazuyoshi; Takemoto, Shizume; Nagasawa, Hisanao; Ohtani, Yasuhisa; Matsui, Masashi; Arai, Sohichi
 PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
 SOURCE: PCT Int. Appl., 85 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

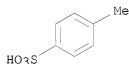
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8501890	A1	19850509	WO 1984-JP512	19841026
W: US				
RW: DE, FR, GB				
JP 60092205	A	19850523	JP 1983-201824	19831026
JP 60094124	A	19850527	JP 1983-201823	19831026
JP 60175531	A	19850909	JP 1984-31270	19840220
JP 60177026	A	19850911	JP 1984-31269	19840220
JP 61057228	A	19860324	JP 1984-180177	19840828
JP 05010129	B	19930208		
JP 61061624	A	19860329	JP 1984-183519	19840901
JP 05010130	B	19930208		
EP 160103	A1	19851106	EP 1984-903982	19841026

EP 160103 B1 19900620
 R: DE, FR, GB
 US 4826818 A 19890502 US 1988-153561 19880202
 PRIORITY APPLN. INFO.: JP 1983-201823 A 19831026
 JP 1983-201824 A 19831026
 JP 1984-31269 A 19840220
 JP 1984-31270 A 19840220
 JP 1984-180177 A 19840828
 JP 1984-183519 A 19840901
 WO 1984-JP512 W 19841026
 US 1985-751775 A1 19850625
 IT 98474-40-9DP, reaction products with protein hydrolyzates
 RL: PREP (Preparation)
 (preparation of, as cosmetic emulsifiers)
 RN 98474-40-9 CAPLUS
 CN L-Leucine, 9-octadecenyl ester, (Z)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)
 CM 1
 CRN 98474-39-6
 CMF C24 H47 N O2

Absolute stereochemistry.
 Double bond geometry as shown.



CM 2
 CRN 104-15-4
 CMF C7 H8 O3 S



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 35 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1985:546978 CAPLUS
 DOCUMENT NUMBER: 103:146978
 ORIGINAL REFERENCE NO.: 103:23471a, 23474a
 TITLE: Emollients containing protein-amino acid condensates
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent

LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60084209	A	19850513	JP 1983-192121	19831014
JP 03026163	B	19910410		

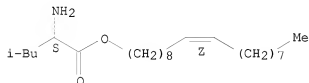
PRIORITY APPLN. INFO.: JP 1983-192121 19831014

IT 98474-39-6D, reaction products with elastin, L-arginine salt
RL: BIOL (Biological study)
(cosmetic emollients containing)

RN 98474-39-6 CAPLUS

CN L-Leucine, 9-octadecenyl ester, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L14 ANSWER 36 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1985:31606 CAPLUS

DOCUMENT NUMBER: 102:31606

ORIGINAL REFERENCE NO.: 102:5025a,5028a

TITLE: Wave damping by monomolecular surface films and their chemical structure. Part II: Variation of the hydrophilic part of the film molecules including natural substances

AUTHOR(S): Huehnerfuss, Heinrich; Lange, Philipp; Walter, Wolfgang

CORPORATE SOURCE: Inst. Org. Chem. Biochem., Univ. Hamburg, Hamburg, 2000/13, Fed. Rep. Ger.

SOURCE: Journal of Marine Research (1984), 42(3), 737-59
CODEN: JMMRAO; ISSN: 0022-2402

DOCUMENT TYPE: Journal

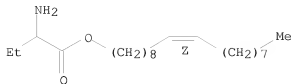
LANGUAGE: English

IT 93911-05-8
RL: USES (Uses)
(wave-damping effect of surface films of, on water)

RN 93911-05-8 CAPLUS

CN Butanoic acid, 2-amino-, 9-octadecenyl ester, hydrochloride, (Z)- (9CI)
(CA INDEX NAME)

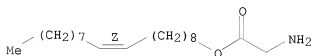
Double bond geometry as shown.



● HCl

L14 ANSWER 37 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1977:497261 CAPLUS
 DOCUMENT NUMBER: 87:97261
 ORIGINAL REFERENCE NO.: 87:15417a,15420a
 TITLE: Plant growth-inhibiting activity of amino acid related compounds. Part III. Mechanism of inhibitory action of lauryl DL-valinate hydrochloride on plant growth
 AUTHOR(S): Kida, Takao; Mizuno, Hiroshi; Takinami, Koichi; Matsunaka, Shooichi
 CORPORATE SOURCE: Cent. Res. Lab., Ajinomoto Co., Inc., Kawasaki, Japan
 SOURCE: Agricultural and Biological Chemistry (1977), 41(6), 931-7
 CODEN: ABCHA6; ISSN: 0002-1369
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 59441-20-2
 RL: BIOL (Biological study)
 (plant growth-inhibiting activity of, physicochem. property in relation to)
 RN 59441-20-2 CAPLUS
 CN Glycine, 9-octadecenyl ester, hydrochloride, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

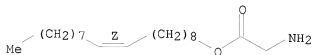


● HCl

L14 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1976:407591 CAPLUS
 DOCUMENT NUMBER: 85:7591
 ORIGINAL REFERENCE NO.: 85:1227a,1230a
 TITLE: Surfactants derived from amino acids. II. Surface activities of amino acid ester hydrochlorides
 AUTHOR(S): Yoshida, Ryonosuke; Takehara, Masahiro; Sakamoto, Kazutami
 CORPORATE SOURCE: Cent. Res. Lab., Ajinomoto Co., Inc., Kawasaki, Japan
 SOURCE: Yukagaku (1976), 25(3), 141-4
 CODEN: YK GKAM; ISSN: 0513-398X
 DOCUMENT TYPE: Journal
 LANGUAGE: Japanese

IT 59441-20-2
 RL: TEM (Technical or engineered material use); USES (Uses)
 (surfactants, properties of)
 RN 59441-20-2 CAPLUS
 CN Glycine, 9-octadecenyl ester, hydrochloride, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



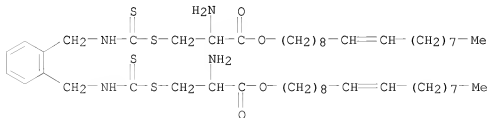
● HCl

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)

L14 ANSWER 39 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1975:156722 CAPLUS
 DOCUMENT NUMBER: 82:156722
 ORIGINAL REFERENCE NO.: 82:25037a,25040a
 TITLE: Cysteine derivatives
 INVENTOR(S): Hasegawa, Gen; Kotani, Akeshi
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 49135942	A	19741227	JP 1973-53827	19730514
PRIORITY APPLN. INFO.:			JP 1973-53827	A 19730514

IT 55596-39-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 55596-39-9 CAPLUS
 CN L-Cysteine, 9-octadecenyl ester, [1,2-phenylenebis(methylene)]bis[carbamodithioate] (2:1) (ester), dihydrochloride, (Z,Z)- (9CI) (CA INDEX NAME)



●2 HCl

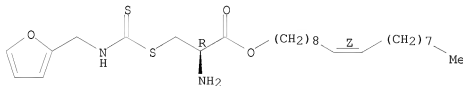
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L14 ANSWER 40 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1975:58109 CAPLUS
DOCUMENT NUMBER: 82:58109
ORIGINAL REFERENCE NO.: 82:9303a,9306a
TITLE: Cysteine derivatives
INVENTOR(S): Hasegawa, Gen; Kotani, Akeshi
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
JP 49095958	A	19740911	JP 1973-10043	19730123
JP 57049547	B	19821022		

PRIORITY APPLN. INFO.: JP 1973-10043 A 19730123
IT 54794-28-4P
RL: IMF (Industrial manufacture); PREP (Preparation)
(manufacture of)
RN 54794-28-4 CAPLUS
CN L-Cysteine, 9-octadecenyl ester, (2-furanylmethyl)carbamodithioate
(ester), (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



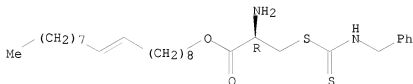
L14 ANSWER 41 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1974:463970 CAPLUS
DOCUMENT NUMBER: 81:63970
ORIGINAL REFERENCE NO.: 81:10213a,10216a
TITLE: Cysteine derivatives
INVENTOR(S): Hasegawa, Gen; Kotani, Akeshi
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
JP 49035334	A	19740401	JP 1972-78641	19720804
JP 56037224	B	19810829		

PRIORITY APPLN. INFO.: JP 1972-78641 A 19720804
IT 53329-86-5P 53369-37-2P
RL: SPN (Synthetic preparation); PREP (Preparation)

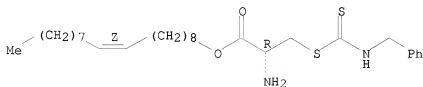
(preparation of)
 RN 53329-86-5 CAPLUS
 CN L-Cysteine, 9-octadecenyl ester, (phenylmethyl)carbamodithioate (ester)
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.



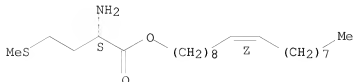
RN 53369-37-2 CAPLUS
 CN L-Cysteine, 9-octadecenyl ester, (phenylmethyl)carbamodithioate (ester),
 (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



L14 ANSWER 42 OF 42 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1950:40944 CAPLUS
 DOCUMENT NUMBER: 44:40944
 ORIGINAL REFERENCE NO.: 44:7897b-c
 TITLE: A new enzymic peptide synthesis
 AUTHOR(S): Brenner, I. M.; Muller, H. R.; Pfister, R. W.
 CORPORATE SOURCE: Univ., Basel, Switz.
 SOURCE: Helvetica Chimica Acta (1950), 33, 568-91
 CODEN: HCACAV; ISSN: 0018-019X
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 IT 911450-43-6P, 9-Octadecen-1-ol, cis-, ester with methionine
 RL: PREP (Preparation)
 (preparation of)
 RN 911450-43-6 CAPLUS
 CN 9-Octadecen-1-ol, cis-, ester with methionine (5CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



=> FIL STNGUIDE		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	164.38	1215.12

FILE 'STNGUIDE' ENTERED AT 09:44:58 ON 09 NOV 2009
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 6, 2009 (20091106/UP).

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTASXS1626

PASSWORD:
THIS LOGINID IS CURRENTLY IN USE.
DO YOU WISH TO RESUME THE PREVIOUS SESSION? Y/(N)/?:Y

THE PREVIOUS SESSION IS BEING DISCONNECTED.
PLEASE LOG IN AGAIN TO BE RECONNECTED.
SYSTEM LOGOFF AT 10:23:43 ON 09 NOV 2009 US EASTERN TIME

Connection closed by remote host

A new logon attempt will be made when this window closes. If
you chose to RESUME PREVIOUS SESSION, then continue with the
logon process as normal. If not, choose Cancel or <ESC> to
interrupt the logon process.

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTASXS1626

PASSWORD:
***** RECONNECTED TO STN INTERNATIONAL *****
SESSION RESUMED IN FILE 'STNGUIDE' AT 10:24:12 ON 09 NOV 2009
FILE 'STNGUIDE' ENTERED AT 10:24:12 ON 09 NOV 2009
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COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	4.55	1219.67

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION

4.55

1219.67

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STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\105307765.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

1-2 1-6 2-3 2-4 3-5 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-6 2-4 3-5 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14 14-15

exact bonds :

2-3

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L15 STRUCTURE UPLOADED

=> s l15 sss full

FULL SEARCH INITIATED 10:24:55 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 159972 TO ITERATE

100.0% PROCESSED 159972 ITERATIONS

974 ANSWERS

SEARCH TIME: 00.00.02

L16 974 SEA SSS FUL L15

=> file capl

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	185.88	1405.55

FILE 'CAPLUS' ENTERED AT 10:24:59 ON 09 NOV 2009
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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPLUS family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

=> s l16

L17 816 L16

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.50	1406.05

FILE 'REGISTRY' ENTERED AT 10:25:06 ON 09 NOV 2009
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STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

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TSICA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\6544.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35

chain bonds :

1-2 1-6 2-3 2-4 3-5 6-7 6-18 6-19 7-8 7-20 7-21 8-9 8-22 8-23 9-10
9-24 9-25 10-11 10-26 10-27 11-12 11-28 11-29 12-13 12-30 13-14 14-15
14-31 14-32 15-33 15-34 15-35

exact/norm bonds :

1-2 1-6 2-4 3-5 6-7 6-18 6-19 7-8 7-20 7-21 8-9 8-22 8-23 9-10 9-24
9-25 10-11 10-26 10-27 11-12 11-28 11-29 12-13 12-30 13-14 14-15 14-31
14-32 15-33 15-34 15-35

exact bonds :

2-3

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 26:CLASS 27:CLASS
28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS

L18 STRUCTURE UPLOADED

=> s l18 sss full

FULL SEARCH INITIATED 10:26:07 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 159972 TO ITERATE

100.0% PROCESSED 159972 ITERATIONS

698 ANSWERS

SEARCH TIME: 00.00.02

L19

698 SEA SSS FUL L18

=> file capl		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	186.36	1592.41

FILE 'CAPLUS' ENTERED AT 10:26:13 ON 09 NOV 2009
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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
 FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s l19
 L20 697 L19

=> d l20 100 ibib

L20 ANSWER 100 OF 697	CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:	2005:728098 CAPLUS
DOCUMENT NUMBER:	144:120091
TITLE:	Synthesis and relaxivity of neutral dimeric Gd(III) complexes derived from L-lysine with long chain alkyl esters
AUTHOR(S):	Zhou, Jin-Lan; Wan, Fu-Xian; Yu, Kai-Chao; Ding, Shang-Wu; Yang, Nian-Hua; Ye, Chao-Hui
CORPORATE SOURCE:	Department of Chemistry, Huazhong University of Science and Technology, Wuhan, 430074, Peop. Rep. China
SOURCE:	Wuji Huaxue Xuebao (2005), 21(8), 1237-1241 CODEN: WHUXEO; ISSN: 1001-4861
PUBLISHER:	Wuji Huaxue Xuebao Bianjibu
DOCUMENT TYPE:	Journal
LANGUAGE:	Chinese

OTHER SOURCE(S): CASREACT 144:120091

=> d 120 200 ibib

L20 ANSWER 200 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:254385 CAPLUS
DOCUMENT NUMBER: 135:116022
TITLE: Amperometric hydrogen peroxide sensor electrodes
coated with electropolymerized tyrosine derivative and
phenolic films
Long, D. D.; Marx, K. A.; Zhou, T.
AUTHOR(S): Department of Chemistry, Center for Intelligent
CORPORATE SOURCE: Biomaterials, University of Massachusetts, Lowell, MA,
01854, USA
SOURCE: Journal of Electroanalytical Chemistry (2001),
501(1-2), 107-113
CODEN: JECHES
PUBLISHER: Elsevier Science S.A.
DOCUMENT TYPE: Journal
LANGUAGE: English
OS.CITING REF COUNT: 28 THERE ARE 28 CAPLUS RECORDS THAT CITE THIS
RECORD (28 CITINGS)
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 120 200 ibib hitstr

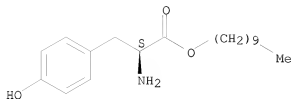
L20 ANSWER 200 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:254385 CAPLUS
DOCUMENT NUMBER: 135:116022
TITLE: Amperometric hydrogen peroxide sensor electrodes
coated with electropolymerized tyrosine derivative and
phenolic films
Long, D. D.; Marx, K. A.; Zhou, T.
AUTHOR(S): Department of Chemistry, Center for Intelligent
CORPORATE SOURCE: Biomaterials, University of Massachusetts, Lowell, MA,
01854, USA
SOURCE: Journal of Electroanalytical Chemistry (2001),
501(1-2), 107-113
CODEN: JECHES
PUBLISHER: Elsevier Science S.A.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 187989-47-5 187989-50-0
RL: ARU (Analytical role, unclassified); DEV (Device component use); ANST
(Analytical study); USES (Uses)
(amperometric hydrogen peroxide sensor electrodes coated with
electropolymerized tyrosine derivative and phenolic films)
RN 187989-47-5 CAPLUS
CN L-Tyrosine, decyl ester, homopolymer (CA INDEX NAME)

CM 1

CRN 84808-36-6

CMF C19 H31 N O3

Absolute stereochemistry.

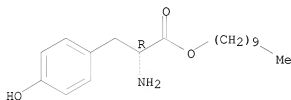


RN 187989-50-0 CAPLUS
 CN D-Tyrosine, decyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 187989-49-7
 CMF C19 H31 N O3

Absolute stereochemistry.



OS.CITING REF COUNT: 28 THERE ARE 28 CAPLUS RECORDS THAT CITE THIS
 RECORD (28 CITINGS)
 REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> d 120 201-210 ibib hitstr

L20 ANSWER 201 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2001:184204 CAPLUS
 DOCUMENT NUMBER: 134:367494
 TITLE: On the phase B of comb-like
 poly(α -alkyl- β -L-aspartate)s: a simulation
 of the solubility of small penetrants
 AUTHOR(S): Zanuy, David; Aleman, Carlos; Lopez-Carrasquero,
 Francisco; Baez, Maria Eugenia; Garcia-Alvarez,
 Montserrat; Laso, Manuel; Munoz-Guerra, Sebastian
 CORPORATE SOURCE: Departament d'Enginyeria Quimica, E.T.S. d'Enginyers
 Industrials de Barcelona, Universitat Politecnica de
 Catalunya, Barcelona, E-08028, Spain
 SOURCE: Macromolecular Chemistry and Physics (2001), 202(4),
 564-573
 CODEN: MCHPES; ISSN: 1022-1352
 PUBLISHER: Wiley-VCH Verlag GmbH
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 165054-38-6 340011-56-5 340011-58-7
 RL: PRP (Properties)
 (simulation of solubility of small penetrants in phase B of comb-like
 poly(α -alkyl β -L-aspartates))
 RN 165054-38-6 CAPLUS

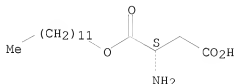
CN L-Aspartic acid, 1-dodecyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 165054-37-5

CMF C16 H31 N O4

Absolute stereochemistry.



RN 340011-56-5 CAPLUS

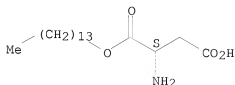
CN L-Aspartic acid, 1-tetradecyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 340011-55-4

CMF C18 H35 N O4

Absolute stereochemistry.



RN 340011-58-7 CAPLUS

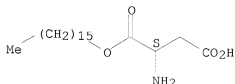
CN L-Aspartic acid, 1-hexadecyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 107814-57-3

CMF C20 H39 N O4

Absolute stereochemistry.



OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)

REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 202 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:168055 CAPLUS

DOCUMENT NUMBER: 134:208364

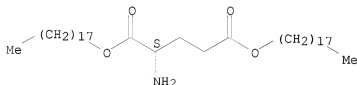
TITLE: Amphipathic compound having dendritic structure

INVENTOR(S): Tsuchida, Eishun; Takeoka, Shinji; Sou, Keitaro;
Ohkawa, Haruki
PATENT ASSIGNEE(S): Japan Science and Technology Corporation, Japan
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016211	A1	20010308	WO 2000-JP5702	20000824
W: US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 2001064383	A	20010313	JP 1999-245731	19990831
JP 3181276	B2	20010703		
EP 1219659	A1	20020703	EP 2000-954985	20000824
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
US 20020120096	A1	20020829	US 2002-83555	20020227
US 6933352	B2	20050823		
PRIORITY APPLN. INFO.:			JP 1999-245731	A 19990831
			WO 2000-JP5702	W 20000824

IT 59274-89-4P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; amphipathic compound having dendritic structure)
RN 59274-89-4 CAPLUS
CN L-Glutamic acid, 1,5-dioctadecyl ester (CA INDEX NAME)

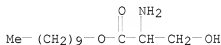
Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 203 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:118835 CAPLUS
DOCUMENT NUMBER: 134:344812
TITLE: Strange mass density behavior of a micellar chiral nematic phase composed of an amphiphilic racemic mixture and its L-enantiomer
AUTHOR(S): Akpinar, E.; Acimis, M.; Ocak, C.
CORPORATE SOURCE: Faculty of Arts and Sciences, Department of Chemistry, Abant Izzet Baysal University, Bolu, 14280, Turk.
SOURCE: Physical Chemistry Chemical Physics (2001), 3(5), 645-646
CODEN: PPCPFQ; ISSN: 1463-9076
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English

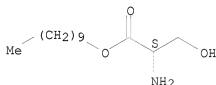
IT 111130-11-1, DL-Serine,decyl ester, hydrochloride
 111130-12-2, L-Serine,decyl ester, hydrochloride
 RL: PEP (Physical, engineering or chemical process); PRP (Properties);
 PROC (Process)
 (strange mass d. behavior of a micellar chiral nematic phase composed
 of an amphiphilic racemic mixture and its L-enantiomer)
 RN 111130-11-1 CAPLUS
 CN Serine, decyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 111130-12-2 CAPLUS
 CN L-Serine, decyl ester, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

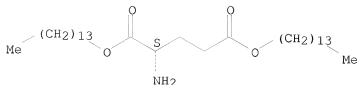


● HCl

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)
 REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

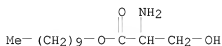
L20 ANSWER 204 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2000:908047 CAPLUS
 DOCUMENT NUMBER: 134:153038
 TITLE: Controlled Formation of Smaller Gold Nanoparticles by
 the Use of Four-Chained Disulfide Stabilizer
 Yonezawa, Tetsu; Yasui, Kei; Kimizuka, Nobuo
 AUTHOR(S): Department of Applied Chemistry Faculty of
 CORPORATE SOURCE: Engineering, Kyushu University, Hakozaki Fukuoka,
 812-8581, Japan
 SOURCE: Langmuir (2001), 17(2), 271-273
 CODEN: LANGD5; ISSN: 0743-7463
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 62765-53-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (synthesis of four-chained disulfide using)
 RN 62765-53-1 CAPLUS
 CN L-Glutamic acid, 1,5-ditetradecyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 74 THERE ARE 74 CAPLUS RECORDS THAT CITE THIS
RECORD (74 CITINGS)
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

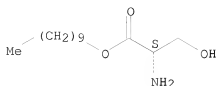
L20 ANSWER 205 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:870478 CAPLUS
DOCUMENT NUMBER: 134:213082
TITLE: Effects of salts and structure of chiral dopants on
the induced pitch from micellar nematic phases
AUTHOR(S): Ocak, C.; Acimis, M.; Akpınar, E.; Gök, A.
CORPORATE SOURCE: Faculty of Arts and Sciences, Department of Chemistry,
Abant İzzet Baysal University, Bolu, 14280, Turk.
SOURCE: Physical Chemistry Chemical Physics (2000), 2(24),
5703-5707
CODEN: PPCPFQ; ISSN: 1463-9076
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 111130-11-1, DL-Serine decyl ester hydrochloride
111130-12-2, L-Serine decyl ester hydrochloride
RL: PEP (Physical, engineering or chemical process); PRP (Properties);
PROC (Process)
(effect of adding salt to three different micellar chiral nematic
phases, and effect of structure of hexahydromandelic acid and mandelic
acid chiral dopants on two achiral nematic host phases)
RN 111130-11-1 CAPLUS
CN Serine, decyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 111130-12-2 CAPLUS
CN L-Serine, decyl ester, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

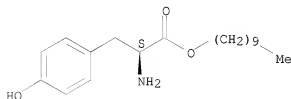


● HCl

OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
 REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

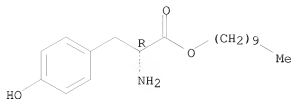
L20 ANSWER 206 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2000:861020 CAPLUS
 DOCUMENT NUMBER: 134:178775
 TITLE: Self-assembled micron-scale fibre structures are formed by amphiphilic decyl ester derivatives of the D- and L-tyrosine amino acids prior to and following enzymatic ring polymerization
 AUTHOR(S): Marx, Kenneth A.; Alva, K. Shridhara; Sarma, Rupmoni
 CORPORATE SOURCE: Center for Intelligent Biomaterials, Department of Chemistry, University of Massachusetts, Lowell, MA, 01854, USA
 SOURCE: Materials Science & Engineering, C: Biomimetic and Supramolecular Systems (2000), C11(2), 155-163
 CODEN: MSCEEE; ISSN: 0928-4931
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 84808-36-6 187989-49-7
 RL: PEP (Physical, engineering or chemical process); RCT (Reactant); PROC (Process); RACT (Reactant or reagent)
 (self-assembled fiber structures of D- and L-tyrosine decyl esters display surface alterations and increased length after ring polymerization
 by peroxidase)
 RN 84808-36-6 CAPLUS
 CN L-Tyrosine, decyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 187989-49-7 CAPLUS
 CN D-Tyrosine, decyl ester (CA INDEX NAME)

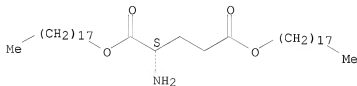
Absolute stereochemistry.



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD
(7 CITINGS)
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 207 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:859407 CAPLUS
DOCUMENT NUMBER: 134:133303
TITLE: Electrostatic interactions between surfactants and
water soluble dyes at the air/water interface as
studied by second harmonic interferometry
AUTHOR(S): Yamada, Sunao; Nakano, Takashi
CORPORATE SOURCE: Department of Materials Physics and Chemistry, Kyushu
University, Fukuoka, 812-8581, Japan
SOURCE: Analytical Sciences (2000), 16(11), 1233-1234
CODEN: ANSCEN; ISSN: 0910-6340
PUBLISHER: Japan Society for Analytical Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 123726-22-7
RL: PRP (Properties); TEM (Technical or engineered material use); USES
(Uses)
(surface electrostatic interactions of aqueous surfactants with
water-soluble
dyes observed by interferometry)
RN 123726-22-7 CAPLUS
CN L-Glutamic acid, dioctadecyl ester, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



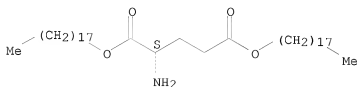
● HCl

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 208 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:787796 CAPLUS
DOCUMENT NUMBER: 134:58229
TITLE: Chem-enzymatic synthesis of new nonionic surfactants
from unprotected carbohydrates

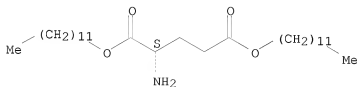
AUTHOR(S): Boyat, C.; Rolland-Fulcrand, V.; Roumestant, M.-L.;
Viallefont, Ph.; Martinez, J.
CORPORATE SOURCE: Laboratoire des Aminoacides, Peptides et Proteines UMR
CNRS 5810 Universites Montpellier 1 and 2,
Montpellier, 34095, Fr.
SOURCE: Preparative Biochemistry & Biotechnology (2000),
30(4), 281-294
CODEN: PBBIF4; ISSN: 1082-6068
PUBLISHER: Marcel Dekker, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 59274-89-4P 62765-52-0P 68067-36-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(in chem-enzymic synthesis of new nonionic surfactants from unprotected
carbohydrates)
RN 59274-89-4 CAPLUS
CN L-Glutamic acid, 1,5-dioctadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



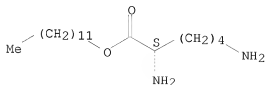
RN 62765-52-0 CAPLUS
CN L-Glutamic acid, 1,5-didodecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 68067-36-7 CAPLUS
CN L-Lysine, dodecyl ester (CA INDEX NAME)

Absolute stereochemistry.



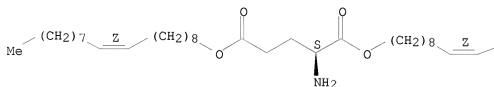
OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 209 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:633457 CAPLUS

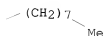
DOCUMENT NUMBER: 133:350478
 TITLE: Surface imprinted polymers recognizing amino acid
 chirality
 AUTHOR(S): Yoshida, Masahiro; Uezu, Kazuya; Goto, Masahiro;
 Furusaki, Shintaro
 CORPORATE SOURCE: Department of Chemical Systems and Engineering, Kyushu
 University, Fukuoka, 812-8581, Japan
 SOURCE: Journal of Applied Polymer Science (2000), 78(4),
 695-703
 CODEN: JAPNAB; ISSN: 0021-8995
 PUBLISHER: John Wiley & Sons, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 110934-23-1
 RL: MOA (Modifier or additive use); USES (Uses)
 (emulsion stabilizer; preparation of tryptophan-imprinted, phenylphosphonate
 host mol.-containing DVB polymers for chiral recognition of amino acids via
 competitive adsorption)
 RN 110934-23-1 CAPLUS
 CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

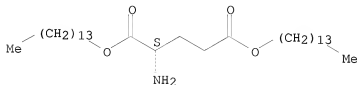


OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS
 RECORD (17 CITINGS)
 REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L20 ANSWER 210 OF 697 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2000:606869 CAPLUS
 DOCUMENT NUMBER: 133:194036
 TITLE: Polymeric products containing modified carbon products
 and methods of making and using the same
 INVENTOR(S): Cooke, Joel M.; Galloway, Collin P.; Bissell, Mark A.;
 Adams, Curtis E.; Yu, Michael C.; Belmont, James A.;
 Amici, Robert M.
 PATENT ASSIGNEE(S): Cabot Corporation, USA
 SOURCE: U.S., 15 pp., Cont.-in-part of U.S. 5,698,016
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6110994	A	20000829	US 1997-990715	19971215
US 5698016	A	19971216	US 1996-663694	19960614
CA 2314226	A1	19990624	CA 1998-2314226	19981211
CA 2314226	C	20090929		
WO 9931175	A1	19990624	WO 1998-US26378	19981211
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9917242	A	19990705	AU 1999-17242	19981211
EP 1040160	A1	20001004	EP 1998-962078	19981211
EP 1040160	B1	20051123		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9813577	A	20020213	BR 1998-13577	19981211
JP 2002508422	T	20020319	JP 2000-539086	19981211
AT 310769	T	20051215	AT 1998-962078	19981211
ES 2251114	T3	20060416	ES 1998-962078	19981211
ZA 9811536	A	20000615	ZA 1998-11536	19981215
TZ 225509	B	20041221	TW 1998-87120831	19981215
MX 200005870	A	20010419	MX 2000-5870	20000614
HK 1033330	A1	20060929	HK 2001-102405	20010403
JP 2009173944	A	20090806	JP 2009-93326	20090407
PRIORITY APPLN. INFO.:			US 1996-663694	A2 19960614
			US 1997-990715	A 19971215
			JP 2000-539086	A3 19981211
			WO 1998-US26378	W 19981211

IT	62765-53-1D, salts with organic group modified carbon black RL: MOA (Modifier or additive use); USES (Uses) (polymeric products containing modified dispersible carbon)
RN	62765-53-1 CAPLUS
CN	L-Glutamic acid, 1,5-ditetradecyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT:	7	THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT:	65	THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
46.29	1638.70

FILE 'STNGUIDE' ENTERED AT 10:27:29 ON 09 NOV 2009
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Nov 6, 2009 (20091106/UP).

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YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

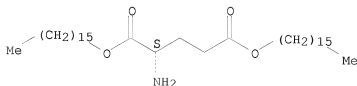
L20 ANSWER 211 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:594141 CAPLUS
DOCUMENT NUMBER: 133:282077
TITLE: Preparation of liposomes containing dibranched-amino acids and characterization of their glucose-binding properties
AUTHOR(S): Seong, Hasoo; Choi, Won-Moon; Kim, Jin-Chul; Thompson, David; Park, Kinam
CORPORATE SOURCE: Departments of Pharmaceutics and Biomedical Engineering, Purdue University, West Lafayette, IN, 47907, USA
SOURCE: Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2000), 41(2), 1655-1656
CODEN: ACPPAY; ISSN: 0032-3934
PUBLISHER: American Chemical Society, Division of Polymer Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 95992-27-1P
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of liposomes containing dibranched-amino acids and characterization of their glucose-binding properties)
RN 95992-27-1 CAPLUS
CN L-Glutamic acid, dihexadecyl ester, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

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CRN 59274-90-7

CMF C37 H73 N O4

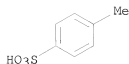
Absolute stereochemistry.



CM 2

CRN 104-15-4

CMF C7 H8 O3 S



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS
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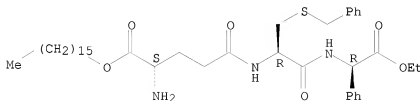
L20 ANSWER 212 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:534982 CAPLUS
DOCUMENT NUMBER: 133:140266
TITLE: Therapeutic compositions containing glutathione
analogs
INVENTOR(S): Redelmeier, Thomas; Kauvar, Lawrence M.; Lum, Robert
T.; Lyttle, Matthew H.; Macsata, Robert W.; Schow,
Steven R.; Villar, Hugo O.; Kozlowski, Michael R.
PATENT ASSIGNEE(S): Telik, Inc., USA
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000044366	A2	20000803	WO 2000-US2297	20000127
WO 2000044366	A3	20001221		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2360795	A1	20000803	CA 2000-2360795	20000127
EP 1143992	A2	20011017	EP 2000-908420	20000127
EP 1143992	B1	20050112		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, IE, SI, LT, LV, FI, RO				
JP 2002535359	T	20021022	JP 2000-595670	20000127
AU 778340	B2	20041202	AU 2000-29767	20000127
AT 286741	T	20050115	AT 2000-908420	20000127
CN 1185008	C	20050119	CN 2000-804652	20000127
ES 2231159	T3	20050516	ES 2000-908420	20000127
KR 750842	B1	20070822	KR 2001-709543	20010727
HK 1043310	A1	20051007	HK 2002-104871	20020628
JP 2007326877	A	20071220	JP 2007-229798	20070905
PRIORITY APPLN. INFO.:				
			US 1999-238530	A 19990127
			JP 2000-595670	A3 20000127
			WO 2000-US2297	W 20000127

OTHER SOURCE(S): MARPAT 133:140266
IT 247232-92-4P 286942-99-2P 286943-00-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)

RN 247232-92-4 CAPLUS

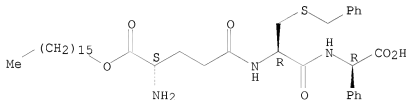
Absolute stereochemistry.



● HCl

RN 286942-99-2 CAPLUS

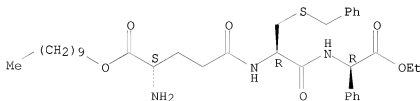
Absolute stereochemistry.



● HCl

RN 286943-00-8 CAPLUS

Absolute stereochemistry.



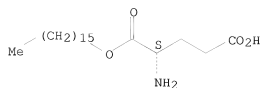
● HCl

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 213 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2000:368071 CAPLUS
 DOCUMENT NUMBER: 133:9131
 TITLE: Delivery particles based on polyamino-acid(s) and methods for preparing same
 INVENTOR(S): Huille, Sylvain; Nicolas, Florence; Bryson, Nathan; Soula, Gerard
 PATENT ASSIGNEE(S): Flamel Technologies, Fr.
 SOURCE: PCT Int. Appl., 30 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000030618	A1	20000602	WO 1999-FR2859	19991119
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2786098	A1	20000526	FR 1998-14863	19981120
FR 2786098	B1	20030530		
EP 1131056	A1	20010912	EP 1999-956102	19991119
EP 1131056	B1	20051019		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002530323	T	20020917	JP 2000-583502	19991119
AT 306905	T	20051115	AT 1999-956102	19991119
ES 2251236	T3	20060416	ES 1999-956102	19991119
US 6630171	B1	20031007	US 2001-856378	20010706
PRIORITY APPLN. INFO.:			FR 1998-14863	A 19981120
			WO 1999-FR2859	W 19991119
IT 271592-23-5P	271592-25-7P			
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (delivery particles based on polyamino-acid(s) and methods for preparing same)				
RN 271592-23-5	CAPLUS			
CN	L-Glutamic acid, polymer with 1-hexadecyl hydrogen L-glutamate, sodium salt (9CI) (CA INDEX NAME)			
CM 1				
CRN 271592-22-4				
CMF (C21 H41 N O4 . C5 H9 N O4)x				
CCI PMS				
CM 2				
CRN 107814-59-5				
CMF C21 H41 N O4				

Absolute stereochemistry.

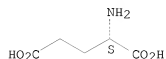


CM 3

CRN 56-86-0

CMF C5 H9 N O4

Absolute stereochemistry.



RN 271592-25-7 CAPLUS

CN L-Glutamic acid, polymer with 1-dodecyl hydrogen L-glutamate, sodium salt (9CI) (CA INDEX NAME)

CM 1

CRN 271592-24-6

CMF (C17 H33 N O4 . C5 H9 N O4)x

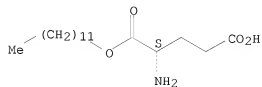
CCI PMS

CM 2

CRN 35143-92-1

CMF C17 H33 N O4

Absolute stereochemistry.

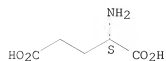


CM 3

CRN 56-86-0

CMF C5 H9 N O4

Absolute stereochemistry.



OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS
RECORD (15 CITINGS)
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

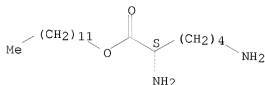
L20 ANSWER 214 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:365282 CAPLUS
DOCUMENT NUMBER: 133:168288
TITLE: The use of additives to modulate the release of a
sparingly water soluble drug entrapped in PLA50
microparticles
AUTHOR(S): Mallard, C.; Coudane, J.; Rault, I.; Vert, M.
CORPORATE SOURCE: Centre de Recherche sur les Biopolymeres Artificiels,
UPRESA CNRS 5463, University Montpellier 1, Faculty of
Pharmacy, Montpellier, 34060, Fr.
SOURCE: Journal of Microencapsulation (2000), 17(1), 81-93
CODEN: JOMIEF; ISSN: 0265-2048
PUBLISHER: Taylor & Francis Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 288091-51-0 288091-52-1
RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(additives to modulate release of sparingly water soluble drug entrapped
in PLA microparticles)
RN 288091-51-0 CAPLUS
CN L-Lysine, dodecyl ester, polymer with 2-hydroxy-1,2,3-propanetricarboxylic
acid monosodium salt (9CI) (CA INDEX NAME)

CM 1

CRN 68067-36-7

CMF C18 H38 N2 O2

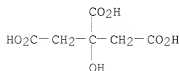
Absolute stereochemistry.



CM 2

CRN 18996-35-5

CMF C6 H8 O7 . Na



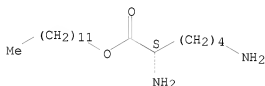
● Na

RN 288091-52-1 CAPLUS
CN L-Lysine, dodecyl ester, polymer with 2-hydroxy-1,2,3-propanetricarboxylic acid (9CI) (CA INDEX NAME)

CM 1

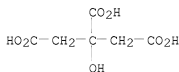
CRN 68067-36-7
CMF C18 H38 N2 O2

Absolute stereochemistry.



CM 2

CRN 77-92-9
CMF C6 H8 O7

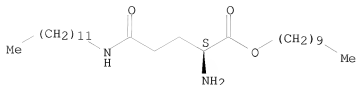


OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 215 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:359694 CAPLUS
DOCUMENT NUMBER: 133:165437
TITLE: Derivatives of glutamic acid as new surfactants
AUTHOR(S): Rodehuser, L.; Chaumette, H.; Meyers, A.; Rogalska, E.; Gerardin, Ch.; Selve, C.
CORPORATE SOURCE: Laboratoire de Chimie Physique Organique et Colloïdale UMR 7565, Université Henri Poincaré - Nancy I, Vandoeuvre-les-Nancy, Fr.
SOURCE: Amino Acids (2000), 18(1), 89-100
CODEN: AACIE6; ISSN: 0939-4451
PUBLISHER: Springer-Verlag Wien
DOCUMENT TYPE: Journal
LANGUAGE: English

IT 288098-25-9P
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(derivs. of glutamic acid as new surfactants)
RN 288098-25-9 CAPLUS
CN L-Glutamine, N-dodecyl-, decyl ester (CA INDEX NAME)

Absolute stereochemistry.



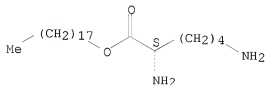
OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD
(6 CITINGS)
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 216 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:302097 CAPLUS
DOCUMENT NUMBER: 132:339047
TITLE: Skin conditioners containing lysine derivatives
INVENTOR(S): Suetsugu, Masaru; Yoshida, Yuzo
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000128726	A	20000509	JP 1998-316907	19981019
JP 3962166	B2	20070822		

PRIORITY APPLN. INFO.: JP 1998-316907 19981019
OTHER SOURCE(S): MARPAT 132:339047
IT 3392-26-5
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(skin conditioners containing lysine amides, esters, or lactam against
troubles due to environmental changes, UV radiation, and aging)
RN 3392-26-5 CAPLUS
CN L-Lysine, octadecyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



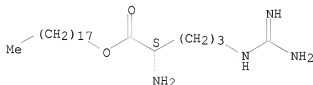
● 2 HCl

L20 ANSWER 217 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:300768 CAPLUS
DOCUMENT NUMBER: 132:325831
TITLE: Skin conditioners containing arginine derivatives
INVENTOR(S): Suetsugu, Masaru; Yoshida, Yuzo
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000128725	A	20000509	JP 1998-316906	19981019
PRIORITY APPLN. INFO.: OTHER SOURCE(S): IT 266355-44-6	MARPAT 132:325831		JP 1998-316906	19981019
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (skin conditioners containing arginine amides or esters against troubles due to seasonal changes, UV radiation, and aging)				
RN 266355-44-6	CAPLUS			
CN L-Arginine, octadecyl ester, dihydrochloride (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



● 2 HCl

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

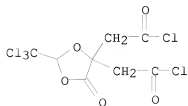
L20 ANSWER 218 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2000:297178 CAPLUS
 DOCUMENT NUMBER: 133:227670
 TITLE: Molecular microencapsulation: paclitaxel formations in aqueous medium using hydrophobized poly(L-lysine citramide imide)
 AUTHOR(S): Poujol, S.; Pinguet, F.; Bressole, F.; Boustta, M.; Vert, M.
 CORPORATE SOURCE: Department of Pharmacy and Oncopharmacology, Cancer Institute C.R.L.C., Montpellier, 34298, Fr.
 SOURCE: Journal of Bioactive and Compatible Polymers (2000), 15(2), 99-114
 CODEN: JBCPEV; ISSN: 0883-9115
 PUBLISHER: Technomic Publishing Co., Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 291763-16-1
 RL: PEP (Physical, engineering or chemical process); POF (Polymer in formulation); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 (hydrolyzed; paclitaxel formations in aqueous medium using hydrophobized poly(L-lysine citramide imide))
 RN 291763-16-1 CAPLUS
 CN L-Lysine, dodecyl ester, bis(4-methylbenzenesulfonate), polymer with 5-oxo-2-(trichloromethyl)-1,3-dioxolane-4,4-diacetyl dichloride (9CI) (CA

INDEX NAME)

CM 1

CRN 125033-82-1

CMF C8 H5 C15 O5



CM 2

CRN 192802-43-0

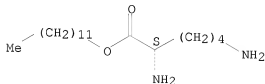
CMF C18 H38 N2 O2 . 2 C7 H8 O3 S

CM 3

CRN 68067-36-7

CMF C18 H38 N2 O2

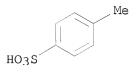
Absolute stereochemistry.



CM 4

CRN 104-15-4

CMF C7 H8 O3 S



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 219 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN

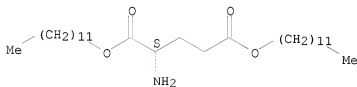
ACCESSION NUMBER: 2000:273352 CAPLUS

DOCUMENT NUMBER: 133:208167

TITLE: Lyotropic aggregate of tripeptide derivatives within

organic solvents: study on dynamic property of
molecular assembling
Yamada, N.; Matsubara, K.; Narumi, K.; Sato, Y.-i.;
Koyama, E.; Ariga, K.
CORPORATE SOURCE: Inage-ku, 1-33 Yayoi-cho, Faculty of Education, Chiba
University, Chiba, Japan
SOURCE: Colloids and Surfaces, A: Physicochemical and
Engineering Aspects (2000), 169(1-3), 271-285
CODEN: CPEAEH; ISSN: 0927-7757
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 59441-30-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and mol. assembly formation in organic solvents by tripeptides
containing hydrophobic groups)
RN 59441-30-4 CAPLUS
CN L-Glutamic acid, 1,5-didodecyl ester, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

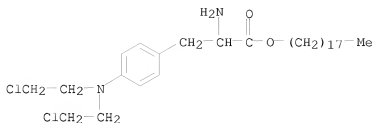


● HCl

OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS
RECORD (14 CITINGS)
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 220 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:273251 CAPLUS
DOCUMENT NUMBER: 133:355112
TITLE: Antitumor activity of cytotoxic liposomes equipped
with selectin ligand SiaLeX, in a mouse mammary
adenocarcinoma model
AUTHOR(S): Vodovozova, E. L.; Moiseeva, E. V.; Grechko, G. K.;
Gayenko, G. P.; Nifant'ev, N. E.; Bovin, N. V.;
Molotkovsky, J. G.
CORPORATE SOURCE: Shemyakin-Ovchinnikov Institute of Bioorganic
Chemistry, Russian Academy of Sciences, Moscow, Russia
SOURCE: European Journal of Cancer (2000), 36(7), 942-949
CODEN: EJCAEL; ISSN: 0959-8049
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 304901-34-6
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); RCT (Reactant); THU (Therapeutic use); BIOL
(Biological study); RACT (Reactant or reagent); USES (Uses)
(antitumor activity of cytotoxic liposomes equipped with selectin
ligand SiaLeX, in a mouse mammary adenocarcinoma model)
RN 304901-34-6 CAPLUS
CN Phenylalanine, 4-[bis(2-chloroethyl)amino]-, octadecyl ester (CA INDEX

NAME)



OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS
RECORD (24 CITINGS)
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 120 221-230 ibib hitstr
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L20 ANSWER 221 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:190909 CAPLUS
DOCUMENT NUMBER: 132:231975
TITLE: Tryptophanyl esters and their N-acyl derivatives for
the prevention and treatment of diseases caused or
exacerbated by oxidative processes
INVENTOR(S): Behl, Christian; Moosmann, Bernd
PATENT ASSIGNEE(S): Max-Planck-Gesellschaft zur Foerderung der
Wissenschaften e.V., Germany
SOURCE: PCI Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000015206	A2	20000323	WO 1999-EP6819	19990915
WO 2000015206	A3	20000810		
RW: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19842416	A1	20000413	DE 1998-19842416	19980916
EP 1113795	A2	20010711	EP 1999-947352	19990915
EP 1113795	B1	20050713		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002524499	T	20020806	JP 2000-569790	19990915
AT 299373	T	20050715	AT 1999-947352	19990915
US 20010014695	A1	20010816	US 2001-810152	20010316
US 20040176436	A1	20040909	US 2004-788608	20040227
PRIORITY APPLN. INFO.:				
			DE 1998-19842416	A 19980916
			WO 1999-EP6819	W 19990915
			US 2001-810152	B3 20010316
IT 150374-83-7	261734-49-0	261734-50-3		

261734-51-4 261734-52-5 261734-53-6

261734-54-7 261734-55-8

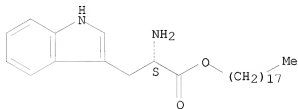
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(tryptophanyl esters and their N-acyl derivs. for prevention and treatment of diseases caused or exacerbated by oxidative processes)

RN 150374-83-7 CAPLUS

CN L-Tryptophan, octadecyl ester (CA INDEX NAME)

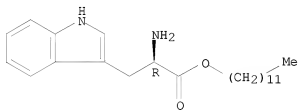
Absolute stereochemistry.



RN 261734-49-0 CAPLUS

CN D-Tryptophan, dodecyl ester (CA INDEX NAME)

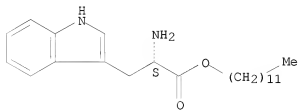
Absolute stereochemistry.



RN 261734-50-3 CAPLUS

CN L-Tryptophan, dodecyl ester (CA INDEX NAME)

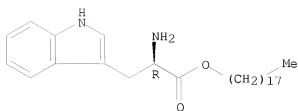
Absolute stereochemistry.



RN 261734-51-4 CAPLUS

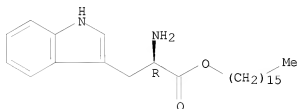
CN D-Tryptophan, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



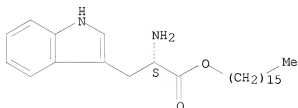
RN 261734-52-5 CAPLUS
CN D-Tryptophan, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



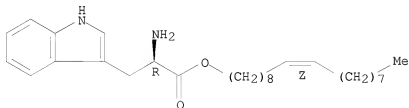
RN 261734-53-6 CAPLUS
CN L-Tryptophan, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



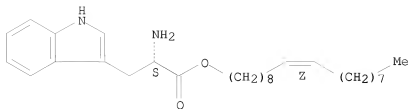
RN 261734-54-7 CAPLUS
CN D-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 261734-55-8 CAPLUS
CN L-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 222 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:170362 CAPLUS

DOCUMENT NUMBER: 132:339176

TITLE: Long chain arginine esters: A new class of cationic detergents for preparation of hydrophobic ion-paired complexes

AUTHOR(S): Claffey, David J.; Meyer, Jeffrey D.; Beauvais, Robert; Brandt, Tessa; Shefter, Eli; Kroll, David J.; Ruth, James A.; Manning, Marc C.

CORPORATE SOURCE: Center for Pharmaceutical Biotechnology and Department of Pharmaceutical Sciences, School of Pharmacy, University of Colorado Health Sciences Center, Denver, CO, 80262, USA

SOURCE: Biochemistry and Cell Biology (2000), 78(1), 59-65
CODEN: BCBIEQ; ISSN: 0829-8211

PUBLISHER: National Research Council of Canada

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 197447-35-1P, L-Arginine dodecyl ester 268218-38-8P

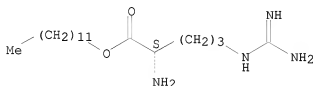
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)

(long chain arginine esters as a class of cationic detergents for preparation of hydrophobic ion-paired complexes)

RN 197447-35-1 CAPLUS

CN L-Arginine, dodecyl ester (CA INDEX NAME)

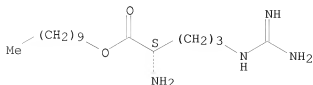
Absolute stereochemistry.



RN 268218-38-8 CAPLUS

CN L-Arginine, decyl ester (CA INDEX NAME)

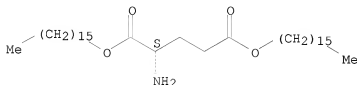
Absolute stereochemistry.



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

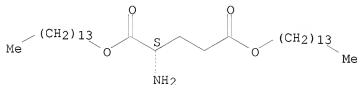
L20 ANSWER 223 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:114476 CAPLUS
DOCUMENT NUMBER: 133:17819
TITLE: Design and synthesis of the artificial peptide-lipids having adamantane group
AUTHOR(S): Kanegae, Hiroshi; Akao, Tetsuyuki
CORPORATE SOURCE: Biotechnol. Res. Inst., Fukuoka Ind. Technol. Cent, Japan
SOURCE: Kenkyu Hokoku - Fukuoka-ken Kogyo Gijutsu Senta (1999), Volume Date 1998, 9, 113-116
CODEN: KFKSEH; ISSN: 0916-8230
PUBLISHER: Fukuoka-ken Kogyo Gijutsu Senta
DOCUMENT TYPE: Journal
LANGUAGE: Japanese
IT 59274-90-7P 62765-53-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(design and synthesis of artificial peptide-lipids having adamantane group as model of phospholipid membrane)
RN 59274-90-7 CAPLUS
CN L-Glutamic acid, 1,5-dihexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 62765-53-1 CAPLUS
CN L-Glutamic acid, 1,5-ditetradecyl ester (CA INDEX NAME)

Absolute stereochemistry.



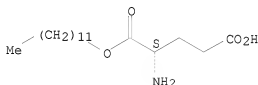
L20 ANSWER 224 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:14983 CAPLUS
DOCUMENT NUMBER: 132:83650
TITLE: Solid dispersed preparation of poorly water-soluble drug containing oil, fatty acid or mixtures thereof
INVENTOR(S): Lee, Beom Jin
PATENT ASSIGNEE(S): Won Jin Biopharma Co., Ltd., S. Korea
SOURCE: PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000000179	A1	20000106	WO 1999-KR341	19990628
W: AU, CA, CN, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
KR 2000006503	A	20000125	KR 1999-24437	19990626
AU 9946556	A	20000117	AU 1999-46556	19990628
PRIORITY APPLN. INFO.:			KR 1998-24563	A 19980627
			KR 1999-24437	A 19990626
			WO 1999-KR341	W 19990628

IT 247570-54-3
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(solid dispersed preparation of poorly water-soluble drug containing oils and fatty acid or mixts.)
RN 247570-54-3 CAPLUS
CN L-Glutamic acid, 1-dodecyl ester, sodium salt (1:1) (CA INDEX NAME)

Absolute stereochemistry.

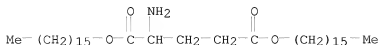


● Na

OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 225 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:796452 CAPLUS
DOCUMENT NUMBER: 132:170950
TITLE: Synthesis of dihexadecyl N-[monomethoxypoly(ethylene glycol)]-L-glutamate and its effect on liposomes
AUTHOR(S): Lee, Youn-Sik; Kim, Un-Jeong; Lee, Kuk-Haeng; Yu, Soo-Chang; Lee, Sang Hee
CORPORATE SOURCE: Faculty of Chemical Engineering and Technology, The Research Institute of Industrial Technology, Chonbuk National University, Jeonju, 561-756, S. Korea
SOURCE: Bulletin of the Korean Chemical Society (1999), 20(9), 1085-1088
CODEN: BKCSDE; ISSN: 0253-2964
PUBLISHER: Korean Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 258857-29-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of dihexadecyl N-[monomethoxypoly(ethylene glycol)]-L-glutamate

and its effect on liposomes)
 RN 258857-29-3 CAPLUS
 CN Glutamic acid, dihexadecyl ester (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

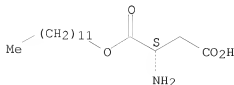
L20 ANSWER 226 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1999:752861 CAPLUS
 DOCUMENT NUMBER: 131:355931
 TITLE: Hydrophobically modified polyaspartic acid derivatives
 in o/w emulsions
 INVENTOR(S): Gruening, Burghard; Simpelkamp, Joerg; Weitemeyer,
 Christian
 PATENT ASSIGNEE(S): Th. Goldschmidt A.-G., Germany
 SOURCE: Eur. Pat. Appl., 13 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 958811	A1	19991124	EP 1999-109059	19990507
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19822601	A1	19991125	DE 1998-19822601	19980520
PRIORITY APPLN. INFO.:			DE 1998-19822601	A 19980520
IT 250598-57-3P	250598-58-4P	250598-59-5P		
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (hydrophobically modified polyaspartic acid derivs. in cosmetic o/w emulsions)				
RN 250598-57-3	CAPLUS			
CN L-Aspartic acid, polymer with 1-dodecyl hydrogen L-aspartate (9CI) (CA INDEX NAME)				

CM 1

CRN 165054-37-5
 CMF C16 H31 N O4

Absolute stereochemistry.

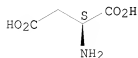


CM 2

CRN 56-84-8

CMF C4 H7 N O4

Absolute stereochemistry. Rotation (+).



RN 250598-58-4 CAPLUS

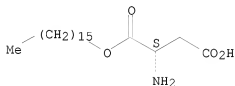
CN L-Aspartic acid, polymer with 1-hexadecyl hydrogen L-aspartate (9CI) (CA INDEX NAME)

CM 1

CRN 107814-57-3

CMF C20 H39 N O4

Absolute stereochemistry.

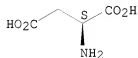


CM 2

CRN 56-84-8

CMF C4 H7 N O4

Absolute stereochemistry. Rotation (+).



RN 250598-59-5 CAPLUS

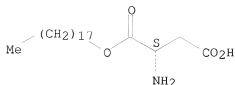
CN L-Aspartic acid, polymer with 1-octadecyl hydrogen L-aspartate (9CI) (CA INDEX NAME)

CM 1

CRN 165054-39-7

CMF C22 H43 N O4

Absolute stereochemistry.

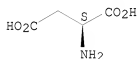


CM 2

CRN 56-84-8

CMF C4 H7 N O4

Absolute stereochemistry. Rotation (+).



OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 227 OF 697 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 1999:742604 CAPLUS

DOCUMENT NUMBER: 132:93900

TITLE: Effects of L-tyrosine esters on quenching and photosensitized charge separation using polymers containing ruthenium(II) complex

AUTHOR(S): Suzuki, Masahiro; Sano, Motonori; Kimura, Mutsumi; Hanabusa, Kenji; Shirai, Hirofusa

CORPORATE SOURCE: Department of Functional Polymer Science, Shinshu University, Nagano, 386-8567, Japan

SOURCE: Journal of Polymer Science, Part A: Polymer Chemistry (1999), 37(23), 4360-4367

CODEN: JPACEC; ISSN: 0887-624X

PUBLISHER: John Wiley & Sons, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 84808-37-7

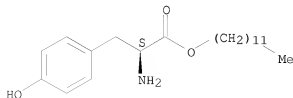
RL: PRP (Properties)

(effects of L-tyrosine esters on quenching and photosensitized charge separation using polymers containing ruthenium(II) complex)

RN 84808-37-7 CAPLUS

CN L-Tyrosine, dodecyl ester (CA INDEX NAME)

Absolute stereochemistry.



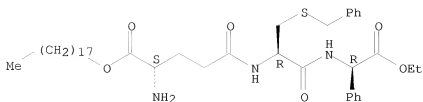
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 228 OF 697 CAPLUS COPYRIGHT 2009 ACS ON STN
ACCESSION NUMBER: 1999:691113 CAPLUS
DOCUMENT NUMBER: 131:327523
TITLE: Glutathione derivatives as hematopoiesis promoters and
dosage forms thereof
INVENTOR(S): Sakon, Kiyoyuki; Naniwa, Yoshimitsu; Kobayashi,
Mitsuru; Miura, Daishiro; Imai, Hiroshi; Imaizumi,
Atsushi
PATENT ASSIGNEE(S): Teijin Limited, Japan
SOURCE: PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9954346	A1	19991028	WO 1999-JP2044	19990416
W: AU, CA, CN, ID, JP, KR, SG, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2328731	A1	19991028	CA 1999-2328731	19990416
AU 9933445	A	19991108	AU 1999-33445	19990416
AU 766515	B2	20031016		
EP 1072608	A1	20010131	EP 1999-914763	19990416
EP 1072608	B1	20050615		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
TW 576838	B	20040221	TW 1999-88106145	19990416
AT 297945	T	20050715	AT 1999-914763	19990416
JP 4059627	B2	20080312	JP 2000-544684	19990416
US 6627732	B1	20030930	US 2000-673449	20001016
US 20040018985	A1	20040129	US 2003-622799	20030721
PRIORITY APPLN. INFO.:			JP 1998-106359	A 19980416
			WO 1999-JP2044	W 19990416
			US 2000-673449	A3 20001016

OTHER SOURCE(S): MARPAT 131:327523
IT 247232-78-6P 247232-83-3P 247232-89-9P
247232-92-4P 247233-00-7P 247233-03-0P
247233-17-6P 247233-19-8P 247233-21-2P
247233-25-6P 247233-30-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(glutathione derivs. as hematopoiesis promoters and dosage forms
thereof)
RN 247232-78-6 CAPLUS
CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
3-ethyl 1-octadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

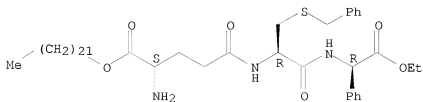


● HCl

RN 247232-83-3 CAPLUS

CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-, 1-docosyl 3-ethyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

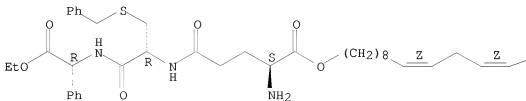
RN 247232-89-9 CAPLUS

CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-, 3-ethyl 1-(9Z,12Z,15Z)-9,12,15-octadecatrienyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A

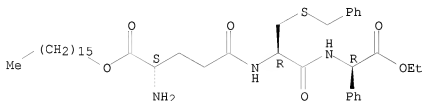


● HCl



RN 247232-92-4 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 3-ethyl 1-hexadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

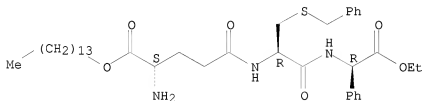
Absolute stereochemistry.



● HCl

RN 247233-00-7 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 3-ethyl 1-tetradecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX
 NAME)

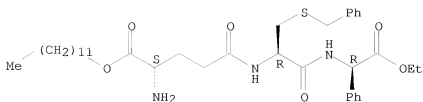
Absolute stereochemistry.



● HCl

RN 247233-03-0 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 1-dodecyl 3-ethyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

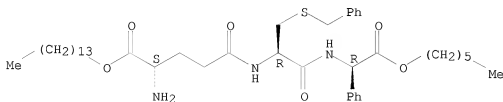
Absolute stereochemistry.



● HCl

RN 247233-17-6 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 3-hexyl 1-tetradecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX
 NAME)

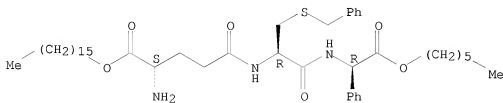
Absolute stereochemistry.



● HCl

RN 247233-19-8 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 1-hexadecyl 3-hexyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

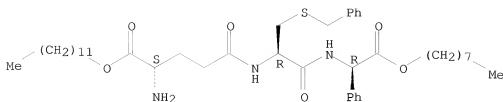
Absolute stereochemistry.



● HCl

RN 247233-21-2 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 1-dodecyl 3-octyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

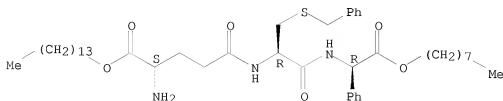
Absolute stereochemistry.



● HCl

RN 247233-25-6 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 3-octyl 1-tetradecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX
 NAME)

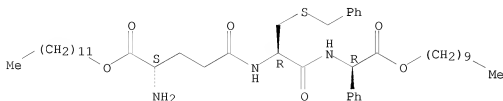
Absolute stereochemistry.



● HCl

RN 247233-30-3 CAPLUS
 CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,
 3-decyl 1-dodecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



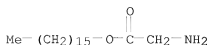
● HCl

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
 (5 CITINGS)
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 229 OF 697 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1999:690991 CAPLUS
 DOCUMENT NUMBER: 131:308623
 TITLE: Ultrasound imaging contrast agents, particularly for

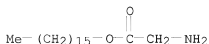
INVENTOR(S): perfusion in the myocardium
Eriksen, Morten; Tolleshaug, Helge; Skurtveit, Roald;
Cuthbertson, Alan; Ostensen, Jonny; Frigstad, Sigmund;
Rongved, Pal
PATENT ASSIGNEE(S): Marsden, John Christopher, UK; Nycomed Imaging AS
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9953963	A1	19991028	WO 1999-GB1221	19990422
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2329175	A1	19991028	CA 1999-2329175	19990422
AU 9936172	A	19991108	AU 1999-36172	19990422
BR 9909822	A	20001219	BR 1999-9822	19990422
EP 1073473	A1	20010207	EP 1999-918133	19990422
EP 1073473	B1	20071017		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
HU 2001002878	A2	20020328	HU 2001-2878	19990422
HU 2001002878	A3	20021228		
JP 2002512206	T	20020423	JP 2000-544366	19990422
AT 375806	T	20071115	AT 1999-918133	19990422
IN 2000MN00503	A	20050715	IN 2000-MN503	20001011
ZA 2000005789	A	20010730	ZA 2000-5789	20001018
NO 2000005250	A	20001218	NO 2000-5250	20001019
MX 2000010301	A	20020311	MX 2000-10301	20001020
US 20040146462	A1	20040729	US 2003-717196	20031119
PRIORITY APPLN. INFO.:			GB 1998-8599	A 19980422
			US 1998-84880P	P 19980508
			WO 1999-GB1221	W 19990422
			US 2000-693836	B1 20001023
IT 54162-47-9				
RL: NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
(as cationic additive; ultrasound imaging contrast agents, particularly for perfusion in the myocardium)				
RN 54162-47-9 CAPLUS				
CN Glycine, hexadecyl ester (CA INDEX NAME)				



IT 31005-39-7P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(ultrasound imaging contrast agents, particularly for perfusion in the myocardium)

RN 31005-39-7 CAPLUS
CN Glycine, hexadecyl ester, hydrochloride (8CI, 9CI) (CA INDEX NAME)

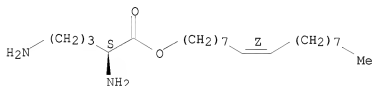


● HCl

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 230 OF 697 CAPLUS COPYRIGHT 2009 ACS ON STN
ACCESSION NUMBER: 1999:682843 CAPLUS
DOCUMENT NUMBER: 132:127590
TITLE: Synthesis of a single-tailed cationic lipid and investigation of its transfection
AUTHOR(S): Tang, F.; Hughes, J. A.
CORPORATE SOURCE: Department of Pharmaceuticals, College of Pharmacy, University of Florida, Gainesville, FL, USA
SOURCE: Journal of Controlled Release (1999), 62(3), 345-358
CODEN: JCREEC; ISSN: 0168-3659
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 256340-83-7P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of a single-tailed cationic lipid and investigation of its transfection)
RN 256340-83-7 CAPLUS
CN L-Ornithine, (8Z)-8-heptadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



OS.CITING REF COUNT: 28 THERE ARE 28 CAPLUS RECORDS THAT CITE THIS RECORD (28 CITINGS)
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg
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FULL ESTIMATED COST 0.49 1718.34

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DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

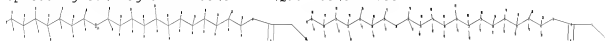
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conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

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chain nodes :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
24	25	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46		
47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66			

chain bonds :

1-2	1-6	2-3	2-4	3-5	6-7	6-28	6-29	7-8	7-30	7-31	8-9	8-32	8-33	9-10
9-34	9-35	10-11	10-36	10-37	11-12	11-38	11-39	12-13	12-40	12-41	13-14			
13-42	13-43	14-15	14-44	14-45	15-16	15-46	15-47	16-17	16-48	16-49	17-18			
17-50	17-51	18-19	19-20	19-52	19-53	20-21	20-54	20-55	21-22	21-56	21-57			
22-23	22-58	22-59	23-24	23-60	23-61	24-25	24-62	24-63	25-64	25-65	25-66			

exact/norm bonds :

1-2 1-6 2-4 3-5

exact bonds :

2-3	6-7	6-28	6-29	7-8	7-30	7-31	8-9	8-32	8-33	9-10	9-34	9-35	10-11
10-36	10-37	11-12	11-38	11-39	12-13	12-40	12-41	13-14	13-42	13-43	14-15		
14-44	14-45	15-16	15-46	15-47	16-17	16-48	16-49	17-18	17-50	17-51	18-19		
19-20	19-52	19-53	20-21	20-54	20-55	21-22	21-56	21-57	22-23	22-58	22-59		
23-24	23-60	23-61	24-25	24-62	24-63	25-64	25-65	25-66					

Match level :

1:CLASS	2:CLASS	3:CLASS	4:CLASS	5:CLASS	6:CLASS	7:CLASS	8:CLASS	9:CLASS
10:CLASS	11:CLASS	12:CLASS	13:CLASS	14:CLASS	15:CLASS	16:CLASS	17:CLASS	
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52:CLASS	53:CLASS	54:CLASS	55:CLASS	56:CLASS	57:CLASS	58:CLASS	59:CLASS	
60:CLASS	61:CLASS	62:CLASS	63:CLASS	64:CLASS	65:CLASS	66:CLASS		

L21 STRUCTURE UPLOADED

=> s l21 sss full
FULL SEARCH INITIATED 10:35:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 135406 TO ITERATE

100.0% PROCESSED 135406 ITERATIONS 19 ANSWERS
SEARCH TIME: 00.00.02

L22 19 SEA SSS FUL L21

=> file capl		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	185.88	1904.22

FILE 'CAPLUS' ENTERED AT 10:35:24 ON 09 NOV 2009
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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20
FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

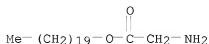
During November, try the new LSUS format of legal status information in the CA/CAPlus family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

=> s l22
L23 13 L22

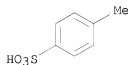
=> d l23 1-13 ibib hitstr

L23 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2004:397239 CAPLUS
 DOCUMENT NUMBER: 142:162338
 TITLE: Intercalation behavior and tensile strength of DNA-lipid films for the dental application
 AUTHOR(S): Fukushima, Tadao; Hayakawa, Tohru; Inoue, Yusuke; Miyazaki, Koji; Okahata, Yoshio
 CORPORATE SOURCE: Biomaterials Section, Department of Dental Engineering, Fukuoka Dental College, Sawara-ku, Fukuoka, 814-0193, Japan
 SOURCE: Biomaterials (2004), 25(24), 5491-5497
 CODEN: BIMADU; ISSN: 0142-9612
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 831176-31-9P
 RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (intercalation behavior and tensile strength of DNA-lipid films for dental application)
 RN 831176-31-9 CAPLUS
 CN Glycine, eicosyl ester, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)
 CM 1
 CRN 831176-30-8
 CMF C22 H45 N O2



CM 2
 CRN 104-15-4
 CMF C7 H8 O3 S



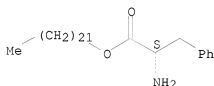
OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2002:649998 CAPLUS
 DOCUMENT NUMBER: 137:185831
 TITLE: Optical resolving agents and column fillers and method for optical resolution of phenylalanines
 INVENTOR(S): Ihara, Hirotaka
 PATENT ASSIGNEE(S): Okubo, Katsutoshi, Japan; Seisan Kaihatsu Kagaku Kenkyusho
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002241317	A	20020828	JP 2001-43194	20010220
PRIORITY APPLN. INFO.: IT 451462-95-6P			JP 2001-43194	20010220
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of resolving agents; optical resolving agents and column fillers and method for optical resolution of phenylalanines)				
RN 451462-95-6	CAPLUS			
CN L-Phenylalanine, docosyl ester (CA INDEX NAME)				

Absolute stereochemistry.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)

L23 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1999:691113 CAPLUS
 DOCUMENT NUMBER: 131:327523
 TITLE: Glutathione derivatives as hematopoiesis promoters and
 dosage forms thereof
 INVENTOR(S): Sakon, Kiyoyuki; Naniwa, Yoshimitsu; Kobayashi,
 Mitsuru; Miura, Daishiro; Imai, Hiroshi; Imaizumi,
 Atsushi
 PATENT ASSIGNEE(S): Teijin Limited, Japan
 SOURCE: PCT Int. Appl., 75 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9954346	A1	19991028	WO 1999-JP2044	19990416
W: AU, CA, CN, ID, JP, KR, SG, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2328731	A1	19991028	CA 1999-2328731	19990416
AU 9933445	A	19991108	AU 1999-33445	19990416
AU 766515	B2	20031016		
EP 1072608	A1	20010131	EP 1999-914763	19990416
EP 1072608	B1	20050615		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
TW 576838	B	20040221	TW 1999-88106145	19990416
AT 297945	T	20050715	AT 1999-914763	19990416
JP 4059627	B2	20080312	JP 2000-544684	19990416
US 6627732	B1	20030930	US 2000-673449	20001016

US 20040018985	A1	20040129	US 2003-622799	20030721
PRIORITY APPLN. INFO.:			JP 1998-106359	A 19980416
			WO 1999-JP2044	W 19990416
			US 2000-673449	A3 20001016

OTHER SOURCE(S): MARPAT 131:327523

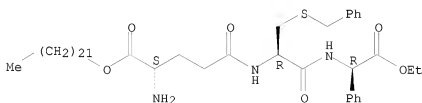
IT 247232-83-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(glutathione derivs. as hematopoiesis promoters and dosage forms thereof)

RN 247232-83-3 CAPLUS

CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-, 1-docosyl 3-ethyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1995:683232 CAPLUS

DOCUMENT NUMBER: 123:57144

ORIGINAL REFERENCE NO.: 123:10299a,10302a

TITLE: Structure and Thermal Properties of New Comblike Polyamides: Helical Poly(β-L-aspartate)s Containing Linear Alkyl Side Chains

AUTHOR(S): Lopez-Carrasquero, F.; Montserrat, S.; Martinez de Ilarduya, A.; Munoz-Guerra, S.

CORPORATE SOURCE: ETSIIB, Universidad Politecnica de Cataluna, Barcelona, E-08028, Spain

SOURCE: Macromolecules (1995), 28(16), 5535-46

CODEN: MAMOBX; ISSN: 0024-9297

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 165054-42-2

RL: PRP (Properties)
(conformation and crystallinity of polyamides with carboxyalkyl side chains of varied lengths)

RN 165054-42-2 CAPLUS

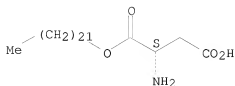
CN L-Aspartic acid, 1-docosyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 165054-41-1

CMF C26 H51 N O4

Absolute stereochemistry.



OS.CITING REF COUNT: 51 THERE ARE 51 CAPLUS RECORDS THAT CITE THIS RECORD (51 CITINGS)

L23 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1994:568775 CAPLUS

DOCUMENT NUMBER: 121:168775

ORIGINAL REFERENCE NO.: 121:30361a,30364a

TITLE: Wear-resistant coating materials on magnetic recording medium

INVENTOR(S): Kondo, Hirofumi; Suzuki, Kazuko; Yamada, Tatsuya; Higaki, Juzo

PATENT ASSIGNEE(S): Sony Corp., Japan; Nisshin Fine Chemical Kk

SOURCE: Jpn. Kokai Tokyo Koho, 9 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
JP 06052542	A	19940225	JP 1992-224590	19920731
JP 3211987	B2	20010925		
PRIORITY APPLN. INFO.:			JP 1992-224590	19920731

OTHER SOURCE(S): MARPAT 121:168775

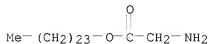
IT 157326-21-1

RL: USES (Uses)

(lubricant coating material, for magnetic recording medium)

RN 157326-21-1 CAPLUS

CN Glycine, tetracosyl ester (CA INDEX NAME)



L23 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1992:129577 CAPLUS

DOCUMENT NUMBER: 116:129577

ORIGINAL REFERENCE NO.: 116:21971a,21974a

TITLE: Synthesis of lipophilic diesters of N-acetylmuramoyl-L-alanyl-D-glutamic acid Terekhov, V. V.; Zemlyakov, A. E.; Chirva, V. Ya. Simferopol. Gos. Univ., Simferopol, USSR Khimiya Prirodnikh Soedinenii (1991), (1), 101-5 CODEN: KPSUAR; ISSN: 0023-1150

DOCUMENT TYPE: Journal

LANGUAGE: Russian

IT 139415-20-6P, D-Glutamic acid didodecyl ester

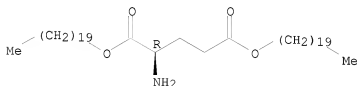
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation and coupling of, with protected alanine)

RN 139415-20-6 CAPLUS

CN D-Glutamic acid, dieicosyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L23 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1986:168840 CAPLUS

DOCUMENT NUMBER: 104:168840

ORIGINAL REFERENCE NO.: 104:26767a, 26770a

TITLE: Lysine esters used as absorption enhancing agents

INVENTOR(S): Fix, Joseph A.; Pogany, Stefano A.

PATENT ASSIGNEE(S): Merck and Co., Inc., USA

SOURCE: Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 162747	A1	19851127	EP 1985-400771	19850418
EP 162747	B1	19881207		
R: CH, DE, FR, GB, IT, LI, NL				
US 4749694	A	19880607	US 1984-604349	19840426
JP 60233041	A	19851119	JP 1985-89123	19850426
PRIORITY APPLN. INFO.:			US 1984-604349	A 19840426

IT 101685-13-6P

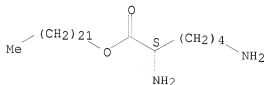
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of, for enhancement of absorption of pharmaceuticals)

RN 101685-13-6 CAPLUS

CN L-Lysine, docosyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L23 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1985:583581 CAPLUS

DOCUMENT NUMBER: 103:183581

ORIGINAL REFERENCE NO.: 103:29495a, 29498a

TITLE: Emulsified composition containing protein condensates
with amino acid alkyl esters
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

Absolute stereochemistry.

123 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1983:493517 CAPLUS
 DOCUMENT NUMBER: 99:93517
 ORIGINAL REFERENCE NO.: 99:14349a,14352a
 TITLE: Hair conditioners containing amino acid alkyl ester
 salts
 PATENT ASSIGNEE(S): Lion Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

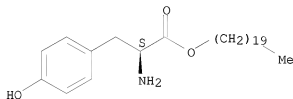


L23 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1983:95680 CAPLUS
DOCUMENT NUMBER: 98:95680
ORIGINAL REFERENCE NO.: 98:14503a,14506a
TITLE: Pharmaceutical compositions and their use in the
therapy of allergic humans
INVENTOR(S): Overell, Brian George
PATENT ASSIGNEE(S): Beecham Group PLC, UK
SOURCE: Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 64366	A1	19821110	EP 1982-302077	19820423
R: BE, CH, DE, FR, GB, IT, NL, SE				
ZA 8202856	A	19830330	ZA 1982-2856	19820427
AU 8283078	A	19821104	AU 1982-83078	19820428
JP 57183724	A	19821112	JP 1982-72505	19820428
US 4428932	A	19840131	US 1982-373290	19820429
PRIORITY APPLN. INFO.:			GB 1981-13209	A 19810429
OTHER SOURCE(S):	MARPAT 98:95680			
IT 84808-39-9	RL: BIOL (Biological study)			
	(allergy desensitization with compns. containing)			
RN 84808-39-9	CAPLUS			
CN	L-Tyrosine, eicosyl ester (CA INDEX NAME)			

Absolute stereochemistry.

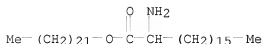


OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)

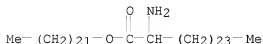
L23 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1982:200236 CAPLUS
DOCUMENT NUMBER: 96:200236
ORIGINAL REFERENCE NO.: 96:33043a,33046a
TITLE: Polyreactions in oriented systems. 29. Formation of
oriented polypeptides and polyamides in monolayers and
liposomes
AUTHOR(S): Folda, Thomas; Gros, Leo; Ringsdorf, Helmut
CORPORATE SOURCE: Inst. Org. Chem., Univ. Mainz, Mainz, D-6500, Fed.
Rep. Ger.
SOURCE: Makromolekulare Chemie, Rapid Communications (1982),
3(3), 167-74
CODEN: MCRCD4; ISSN: 0173-2803
DOCUMENT TYPE: Journal
LANGUAGE: English

IT 81699-39-0 81699-41-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (polymerization of, in monolayers, mechanism of)
 RN 81699-39-0 CAPLUS
 CN Octadecanoic acid, 2-amino-, docosyl ester (CA INDEX NAME)



RN 81699-41-4 CAPLUS
 CN Hexacosanoic acid, 2-amino-, docosyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD
 (8 CITINGS)

L23 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1980:215749 CAPLUS

DOCUMENT NUMBER: 92:215749

ORIGINAL REFERENCE NO.: 92:34975a,34978a

TITLE: Synthesis of N-acetyl-muramyl-L-alanyl-D-glutamic-
 α -amide(MDP) or - α -methyl ester
 derivatives, bearing a lipophilic group at the
 C-terminal peptide end

AUTHOR(S): Lefrancier, P.; Petitou, M.; Level, M.; Derrien, M.;
 Choay, J.; Lederer, E.

CORPORATE SOURCE: Choay Inst., Montrouge, Fr.

SOURCE: International Journal of Peptide & Protein Research
 (1979), 14(5), 437-44

CODEN: IJPPC3; ISSN: 0367-8377

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 73073-05-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)

(preparation and peptide coupling of, with acetylmuramyl dipeptide
 derivative)

RN 73073-05-9 CAPLUS

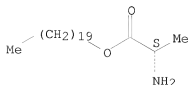
CN L-Alanine, eicosyl ester, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 73073-04-8

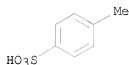
CMF C23 H47 N O2

Absolute stereochemistry.



CM 2

CRN 104-15-4
CMF C7 H8 O3 S

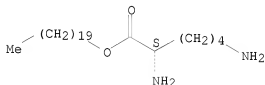


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L23 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1965:472440 CAPLUS
DOCUMENT NUMBER: 63:72440
ORIGINAL REFERENCE NO.: 63:13414b-h,13415a
TITLE: Amino acid and peptide esters
PATENT ASSIGNEE(S): F. Hoffmann-La Roche & Co., A.-G.
SOURCE: 19 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6411149	---	19650415	NL 1964-11149	19640924
BE 654278			BE	
GB 1038731			GB	
PRIORITY APPLN. INFO.:			CH	19631014
IT 3392-79-8P, Lysine, eicosyl ester, dihydrochloride				
RL: PREP (Preparation) (preparation of)				
RN 3392-79-8 CAPLUS				
CN Lysine, eicosyl ester, dihydrochloride, L- (8CI) (CA INDEX NAME)				

Absolute stereochemistry.



● 2 HCl

=> FIL SINGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
51.07	1955.29

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.12	1956.41

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chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24 25
chain bonds :
1-2 1-6 2-3 2-4 3-5 6-7 6-18 7-8 7-19 8-9 8-20 9-10 10-11 11-12 12-13
12-21 13-14 13-22 14-15 14-23 15-16 16-17 16-24 17-25
exact/norm bonds :
1-2 1-6 2-4 3-5 6-7 7-8 9-10 11-12 12-13 13-14 14-15 15-16 16-17
exact bonds :
2-3 6-18 7-19 8-9 8-20 10-11 12-21 13-22 14-23 16-24 17-25

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS

L24 STRUCTURE UPLOADED

=> s l24

SAMPLE SEARCH INITIATED 10:46:25 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7840 TO ITERATE

25.5% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 151492 TO 162108
PROJECTED ANSWERS: 1 TO 196

L25 1 SEA SSS SAM L24

=> s l24 sss full

FULL SEARCH INITIATED 10:46:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 155912 TO ITERATE

100.0% PROCESSED 155912 ITERATIONS 42 ANSWERS
SEARCH TIME: 00.00.02

L26 42 SEA SSS FUL L24

=> file capl

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	185.88	2142.29

FILE 'CAPLUS' ENTERED AT 10:46:34 ON 09 NOV 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20

FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPLUS family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

=> s 126

L27 40 L26

=> d 127 1-40 ibib hitstr

L27 ANSWER 1 OF 40 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2008:1072770 CAPLUS

DOCUMENT NUMBER: 149:324117

TITLE: Enantiomers of amino-phenyl-acetic acid
octadec-9-(Z)-enyl ester, their salts and their uses
INVENTOR(S): Herzig, Yaacov; Sterling, Jeffrey; Ioffe, Vladimir;
Raizi, Yuriy; Miskolczi, Istvan; Zekany, Andras
PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva
Pharmaceuticals USA, Inc.
SOURCE: PCT Int. Appl., 28pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

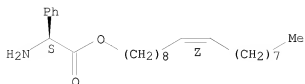
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008106092	A1	20080904	WO 2008-US2472	20080225
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
US 20080221209	A1	20080911	US 2008-72405	20080225
PRIORITY APPLN. INFO.:			US 2007-903738P	P 20070226
IT 1050481-20-3P	1050481-21-4P		1050481-22-5P	
1050481-23-6P				
RL:	PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (enantiomers of amino-phenyl-acetic acid octadec-9-(Z)-enyl ester, their salts and their uses)			
RN 1050481-20-3	CAPLUS			
CN	Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), (α S)- (CA INDEX NAME)			

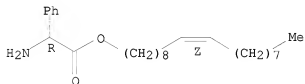
Absolute stereochemistry.
Double bond geometry as shown.



● HCl

RN 1050481-21-4 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
hydrochloride (1:1), (α R)- (CA INDEX NAME)

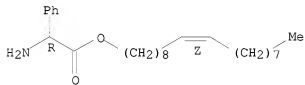
Absolute stereochemistry.
Double bond geometry as shown.



● HCl

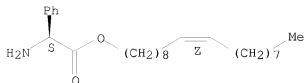
RN 1050481-22-5 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
(α R)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 1050481-23-6 CAPLUS
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
(α S)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

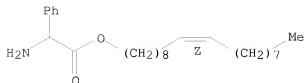


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 2 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1071036 CAPLUS
 DOCUMENT NUMBER: 149:299875
 TITLE: Use of long-chain alcohol derivatives for the treatment of alopecia areata
 INVENTOR(S): Hayardeny-Nisimov, Liat
 PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva Pharmaceuticals Usa, Inc.
 SOURCE: PCT Int. Appl., 31pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008106091	A1	20080904	WO 2008-US2471	20080225
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GD, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 20080221115	A1	20080911	US 2008-72304	20080225
PRIORITY APPLN. INFO.:			US 2007-903784P	P 20070226
OTHER SOURCE(S): CASREACT 149:299875; MARPAT 149:299875				
IT 769119-20-2P	1050481-20-3P	1050481-21-4P		
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (use of long-chain alc. derivs. for treatment of alopecia areata)				
RN 769119-20-2	CAPLUS			
CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)				

Double bond geometry as shown.

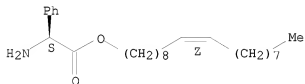


RN 1050481-20-3 CAPLUS

CN Benzenesacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
hydrochloride (1:1), (α S)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



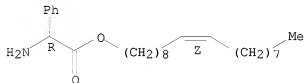
● HCl

RN 1050481-21-4 CAPLUS

CN Benzenesacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
hydrochloride (1:1), (α R)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



● HCl

IT 744993-53-1 744993-53-1D, salts

769119-20-2D, salts 1050481-22-5

1050481-22-5D, salts 1050481-23-6

1050481-23-6D, salts

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

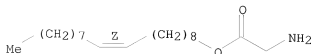
(Biological study); USES (Uses)

(use of long-chain alc. derivs. for treatment of alopecia areata)

RN 744993-53-1 CAPLUS

CN Glycine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

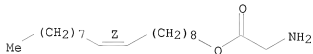
Double bond geometry as shown.



RN 744993-53-1 CAPLUS

CN Glycine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

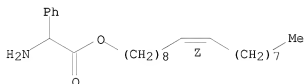
Double bond geometry as shown.



RN 769119-20-2 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.

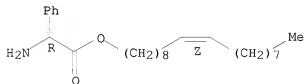


RN 1050481-22-5 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, (α R)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

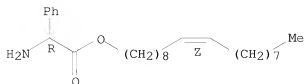


RN 1050481-22-5 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester, (α R)- (CA INDEX NAME)

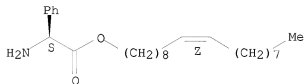
Absolute stereochemistry.

Double bond geometry as shown.



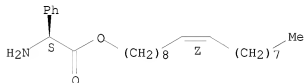
RN 1050481-23-6 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 (α S)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 1050481-23-6 CAPLUS
 CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
 (α S)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 3 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:734313 CAPLUS
 DOCUMENT NUMBER: 149:57149
 TITLE: Additive for lubricating oil
 INVENTOR(S): Hiroyoshi, Akira; Nakayama, Shingo; Amemiya, Nobuhito;
 Kato, Shigeaki; Inayama, Toshihiro; Isogai, Yukihiro;
 Minami, Ichiro; Mori, Shigeyuki
 PATENT ASSIGNEE(S): Kyowa Hakko Chemical Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 50pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

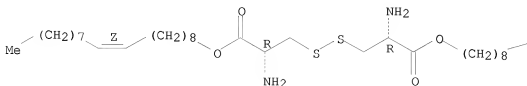
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008072740	A1	20080619	WO 2007-JP74158	20071214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, BH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,			

BY, KG, KZ, MD, RU, TJ, TM
 JP 2008169366 A 20080724 JP 2007-123388 20070508
 PRIORITY APPLN. INFO.: JP 2006-337118 A 20061214
 JP 2007-123388 A 20070508

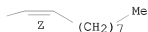
OTHER SOURCE(S): MARPAT 149:57149
 IT 1033000-60-0P 1033000-68-8P
 RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP
 (Preparation); USES (Uses)
 (production of lubricating oil additives)
 RN 1033000-60-0 CAPLUS
 CN L-Cystine, 1,1'-di-(9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



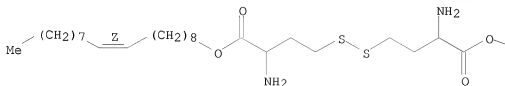
PAGE 1-B



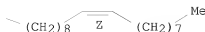
RN 1033000-68-8 CAPLUS
 CN Butanoic acid, 4,4'-dithiobis[2-amino-, 1,1'-di-(9Z)-9-octadecen-1-yl
 ester (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

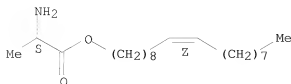


REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 4 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2007:941862 CAPLUS
 DOCUMENT NUMBER: 147:301398
 TITLE: Preparation of nucleoside aryl phosphoramidates for the treatment of RNA-dependent RNA viral infection
 INVENTOR(S): Maccoss, Malcolm; Olsen, David B.; Donghi, Monica; Gardelli, Cristina; Harper, Steven; Meppen, Malte; Narjes, Frank; Pacini, Barbara
 PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A.
 SOURCE: PCT Int. Appl., 61 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

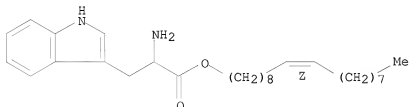
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007095269	A2	20070823	WO 2007-US3862	20070212
WO 2007095269	A3	20071115		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
AU 2007215114	A1	20070823	AU 2007-215114	20070212
CA 2637879	A1	20070823	CA 2007-2637879	20070212
EP 1987050	A2	20081105	EP 2007-750684	20070212
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR JP 2009526850 T 20090723 JP 2008-555315 20070212 CN 101384609 A 20090311 CN 2007-80005274 20080813				
PRIORITY APPLN. INFO.:			US 2006-773009P P 20060214	
			US 2006-832832P P 20060724	
			WO 2007-US3862 W 20070212	
OTHER SOURCE(S): MARPAT 147:301398				
IT 946511-96-2				
RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of nucleoside aryl phosphoramidates for treatment of RNA-dependent RNA viral infection)				
RN 946511-96-2 CAPLUS				
CN L-Alanine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)				

Absolute stereochemistry.
 Double bond geometry as shown.



L27 ANSWER 5 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:40493 CAPLUS
 DOCUMENT NUMBER: 143:120196
 TITLE: Controlling release from the lipidic cubic phase by selective alkylation
 AUTHOR(S): Clogston, J.; Craciun, G.; Hart, D. J.; Caffrey, M.
 CORPORATE SOURCE: Department of Chemical Engineering, The Ohio State University, Columbus, OH, 43210, USA
 SOURCE: Journal of Controlled Release (2005), 102(2), 441-461
 CODEN: JCREEC; ISSN: 0168-3659
 PUBLISHER: Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 857261-96-2P
 RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (controlling release from the lipidic cubic phase by selective alkylation)
 RN 857261-96-2 CAPLUS
 CN Tryptophan, (9Z)-9-octadecenyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



● HCl

OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 6 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:670857 CAPLUS
 DOCUMENT NUMBER: 142:28141
 TITLE: Cationic dimeric amphiphiles as agents for transfection and method for their preparing
 INVENTOR(S): Sebyakin, Yu. L.; Skripnikova, M. A.
 PATENT ASSIGNEE(S): Moskovskaya Gosudarstvennaya Akademiya Tonkoi Khimicheskoi Tekhnologii im. M. V. Lomonosova, Russia
 SOURCE: Russ., No pp. given
 CODEN: RUXXE7
 DOCUMENT TYPE: Patent
 LANGUAGE: Russian
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
RU 2233834	C2	20040810	RU 2002-113164	20020521

PRIORITY APPLN. INFO.:

RU 2002-113164

20020521

OTHER SOURCE(S):

MARPAT 142:28141

IT 110934-23-1

RL: PRP (Properties); RCT (Reactant); RACT (Reactant or reagent)

(cationic dimeric amphiphiles as agents for transfection and method for their preparing)

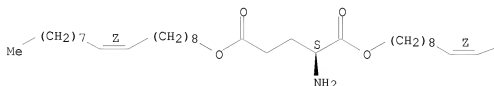
RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

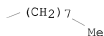
Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

L27 ANSWER 7 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:331902 CAPLUS

DOCUMENT NUMBER: 140:350562

TITLE: Basic esters of fatty alcohols and their use as antiinflammatory or immunomodulatory agents

INVENTOR(S): Shinitzky, Meir; Cohen, Irun R.; Margalit, Raanan; Herzig, Yaacov; Sterling, Jeffrey; Toth, Gyorgy; Miskolczi, Istvan; Rantal, Ferenc; Tamas, Tivadar

PATENT ASSIGNEE(S): Yeda Research and Development Co. Ltd., Israel

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004032824	A2	20040422	WO 2003-IL820	20031009
WO 2004032824	A3	20040826		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,			

	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
CA 2501318	A1 20040422	CA 2003-2501318 20031009
AU 2003269466	A1 20040504	AU 2003-269466 20031009
AU 2003269466	B2 20090820	
BR 2003014554	A 20050809	BR 2003-14554 20031009
CN 1703394	A 20051130	CN 2003-80101149 20031009
JP 2006502213	T 20060119	JP 2004-542766 20031009
ZA 2005002613	A 20061025	ZA 2005-2613 20031009
NZ 539106	A 20070223	NZ 2003-539106 20031009
RU 2337093	C2 20081027	RU 2005-114374 20031009
IN 2005DN01363	A 20090109	IN 2005-DN1363 20050405
MX 2005003870	A 20050622	MX 2005-3870 20050408
NO 2005002229	A 20050706	NO 2005-2229 20050509
US 20060173053	A1 20060803	US 2003-530776 20051219
PRIORITY APPLN. INFO.:		US 2002-417157P 20021010
		WO 2003-IL820 W 20031009

OTHER SOURCE(S): MARPAT 140:350562

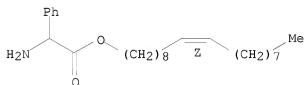
IT 681235-45-0

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(basic esters of fatty alcs. and use as antiinflammatory or
immunomodulatory agents)

RN 681235-45-0 CAPLUS

CN Benzeneacetic acid, α -amino-, (9Z)-9-octadecen-1-yl ester,
hydrochloride (1:1) (CA INDEX NAME)

Double bond geometry as shown.



● HCl

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 8 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:633457 CAPLUS

DOCUMENT NUMBER: 133:350478

TITLE: Surface imprinted polymers recognizing amino acid
chirality

AUTHOR(S): Yoshida, Masahiro; Uezu, Kazuya; Goto, Masahiro;
Furusaki, Shintaro

CORPORATE SOURCE: Department of Chemical Systems and Engineering, Kyushu
University, Fukuoka, 812-8581, Japan

SOURCE: Journal of Applied Polymer Science (2000), 78(4),
695-703

CODEN: JAPNAB; ISSN: 0021-8995

PUBLISHER: John Wiley & Sons, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 110934-23-1

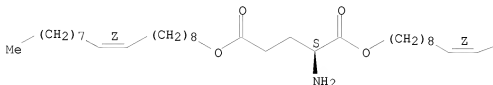
RL: MOA (Modifier or additive use); USES (Uses)
(emulsion stabilizer; preparation of tryptophan-imprinted, phenylphosphonate
host mol.-containing DVB polymers for chiral recognition of amino acids via
competitive adsorption)

RN 110934-23-1 CAPLUS

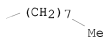
CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS
RECORD (17 CITINGS)
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 9 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:190909 CAPLUS

DOCUMENT NUMBER: 132:231975

TITLE: Tryptophanyl esters and their N-acyl derivatives for
the prevention and treatment of diseases caused or
exacerbated by oxidative processes

INVENTOR(S): Behl, Christian; Moosmann, Bernd

PATENT ASSIGNEE(S): Max-Planck-Gesellschaft zur Foerderung der
Wissenschaften e.V., Germany

SOURCE: PCT Int. Appl., 24 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000015206	A2	20000323	WO 1999-EP6819	19990915
WO 2000015206	A3	20000810		
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19842416	A1	20000413	DE 1998-19842416	19980916
EP 1113795	A2	20010711	EP 1999-947352	19990915
EP 1113795	B1	20050713		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

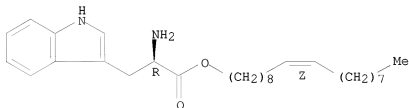
JP 2002524499	T	20020806	JP 2000-569790	19990915
AT 299373	T	20050715	AT 1999-947352	19990915
US 20010014695	A1	20010816	US 2001-810152	20010316
US 20040176436	A1	20040909	US 2004-788608	20040227

PRIORITY APPLN. INFO.: DE 1998-19842416 A 19980916
WO 1999-EP6819 W 19990915
US 2001-810152 B3 20010316

IT 261734-54-7 261734-55-8
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(tryptophanyl esters and their N-acyl derivs. for prevention and treatment of diseases caused or exacerbated by oxidative processes)

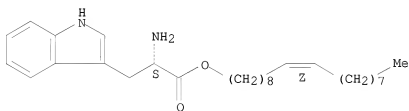
RN 261734-54-7 CAPLUS
CN D-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 261734-55-8 CAPLUS
CN L-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 10 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:691113 CAPLUS
DOCUMENT NUMBER: 131:327523
TITLE: Glutathione derivatives as hematopoiesis promoters and dosage forms thereof
INVENTOR(S): Sakon, Kiyoyuki; Naniwa, Yoshimitsu; Kobayashi, Mitsuru; Miura, Daishiro; Imai, Hiroshi; Imaizumi, Atsushi
PATENT ASSIGNEE(S): Teijin Limited, Japan
SOURCE: PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9954346	A1	19991028	WO 1999-JP2044	19990416
W: AU, CA, CN, ID, JP, KR, SG, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2328731	A1	19991028	CA 1999-2328731	19990416
AU 9933445	A	19991108	AU 1999-33445	19990416
AU 766515	B2	20031016		
EP 1072608	A1	20010131	EP 1999-914763	19990416
EP 1072608	B1	20050615		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
TW 576838	B	20040221	TW 1999-88106145	19990416
AT 297945	T	20050715	AT 1999-914763	19990416
JP 4059627	B2	20080312	JP 2000-544684	19990416
US 6627732	B1	20030930	US 2000-673449	20001016
US 20040018985	A1	20040129	US 2003-622799	20030721
PRIORITY APPLN. INFO.:				
			JP 1998-106359	A 19980416
			WO 1999-JP2044	W 19990416
			US 2000-673449	A3 20001016

OTHER SOURCE(S): MARPAT 131:327523

IT 247232-89-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(glutathione derivs. as hematopoiesis promoters and dosage forms thereof)

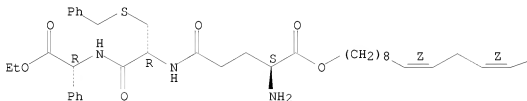
RN 247232-89-9 CAPLUS

CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-, 3-ethyl 1-(9Z,12Z,15Z)-9,12,15-octadecatrienyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A



● HCl

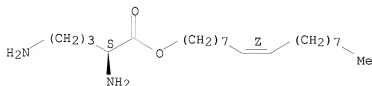
PAGE 1-B



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 11 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:682843 CAPLUS
DOCUMENT NUMBER: 132:127590
TITLE: Synthesis of a single-tailed cationic lipid and
investigation of its transfection
AUTHOR(S): Tang, F.; Hughes, J. A.
CORPORATE SOURCE: Department of Pharmaceutics, College of Pharmacy,
University of Florida, Gainesville, FL, USA
SOURCE: Journal of Controlled Release (1999), 62(3), 345-358
CODEN: JCREEC; ISSN: 0168-3659
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 256340-83-7P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological
study); PREP (Preparation); USES (Uses)
(preparation of a single-tailed cationic lipid and investigation of its
transfection)
RN 256340-83-7 CAPLUS
CN L-Ornithine, (8Z)-8-heptadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



OS.CITING REF COUNT: 28 THERE ARE 28 CAPLUS RECORDS THAT CITE THIS
RECORD (28 CITINGS)
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 12 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1998:597868 CAPLUS
DOCUMENT NUMBER: 130:1638
TITLE: The inhibition of pancreatic lipase and phospholipase
A2 by lipid mimetics and lipopeptides
AUTHOR(S): Nicolaou, Anna; Kokotos, George; Constantinou-Kokotou,
Violetta; Ransac, Stephane; Verger, Robert; Gibbons,
William A.
CORPORATE SOURCE: Univ.-Industry Centre for Pharmaceutical Research,
School of Pharmacy, University of London, London, WC1N
1AX, UK
SOURCE: Peptides 1996, Proceedings of the European Peptide
Symposium, 24th, Edinburgh, Sept. 8-13, 1996 (1998),
Meeting Date 1996, 679-680. Editor(s): Ramage,
Robert; Epton, Roger. Mayflower Scientific:
Kingswinford, UK.
CODEN: 66RCA5
DOCUMENT TYPE: Conference
LANGUAGE: English
IT 215872-29-0

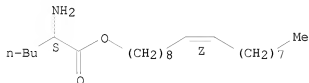
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(inhibition of pancreatic lipase and phospholipase A2 by lipid mimetics and lipopeptides)

RN 215872-29-0 CAPLUS

CN L-Norleucine, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

Double bond geometry as shown.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 13 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:544783 CAPLUS

DOCUMENT NUMBER: 127:236982

ORIGINAL REFERENCE NO.: 127:46197a,46200a

TITLE: Extraction of rare earth metals using liquid

surfactant membranes in a Mixco extractor

Uezu, K.; Irie, S.; Yoshimura, O.; Goto, M.; Nakashio, F.

AUTHOR(S):
CORPORATE SOURCE: Department of Chemical Science and Technology, Kyushu University, Japan

SOURCE: Chemical Engineering Research and Design (1997), 75(A5), 513-518

CODEN: CERDEE; ISSN: 0263-8762

PUBLISHER: Institution of Chemical Engineers

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 110934-23-1D, quaternary ammonium chloride

RL: NUU (Other use, unclassified); USES (Uses)

(surfactant; extraction of rare earth metals using liquid surfactant membranes in a Mixco extractor)

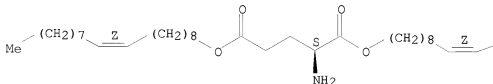
RN 110934-23-1 CAPLUS

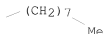
CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A





OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
 REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 14 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:630529 CAPLUS

DOCUMENT NUMBER: 126:8443

ORIGINAL REFERENCE NO.: 126:1883a,1886a

TITLE: Synthesis of glycolipids containing disaccharides and two longer alkyl chains and their applications as enzyme modifiers

AUTHOR(S): Zhang, Zhongzhi; Fukunaga, Kimitoshi; Sugimura, Yoshiaki; Nakao, Katsumi; Shimizu, Toshimi

CORPORATE SOURCE: Faculty Engineering, Yamaguchi Univ., Ube, 755, Japan

SOURCE: Carbohydrate Research (1996), 292, 47-59

CODEN: CRBRAT; ISSN: 0008-6215

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 110934-23-1

RL: RCT (Reactant); RACT (Reactant or reagent)

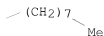
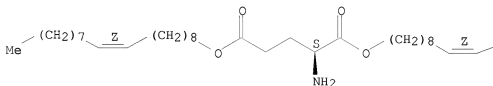
(preparation of glycolipids containing disaccharides and two longer alkyl chains and their applications as enzyme modifiers)

RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L27 ANSWER 15 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:544433 CAPLUS

DOCUMENT NUMBER: 125:301536

ORIGINAL REFERENCE NO.: 125:56455a

TITLE: Synthesis of lipidic amino acid and dipeptide inhibitors of human platelet phospholipase A2
AUTHOR(S): Kokotos, George; Constantinou-Kokotou, Violetta; Noula, Caterina; Nicolaou, Anna; Gibbons, William A.
CORPORATE SOURCE: Dep. Chem., Univ. Athens, Greece
SOURCE: International Journal of Peptide & Protein Research (1996), 48(2), 160-166
CODEN: IJPPC3; ISSN: 0367-8377

PUBLISHER: Munksgaard

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 182617-36-3P

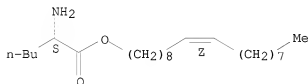
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis of lipidic amino acid and dipeptide inhibitors of human platelet phospholipase A2)

RN 182617-36-3 CAPLUS

CN L-Norleucine, 9-octadecenyl ester, hydrochloride, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

Double bond geometry as shown.



● HCl

OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)

L27 ANSWER 16 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:101774 CAPLUS

DOCUMENT NUMBER: 124:168957

ORIGINAL REFERENCE NO.: 124:31203a,31206a

TITLE: Lipidic mimetics as inhibitors of pancreatic phospholipase A2

AUTHOR(S): Nicolaou, Anna; Kokotos, George; Constantinou, Violetta; York, Jelena; Gibbons, William A.
CORPORATE SOURCE: U.I.C.P.R., Univ. of London, London, WC1N 1AX, UK
SOURCE: Biochemical Society Transactions (1995), 23(4), 614S
CODEN: BCSTB5; ISSN: 0300-5127

PUBLISHER: Portland Press

DOCUMENT TYPE: Journal

LANGUAGE: English

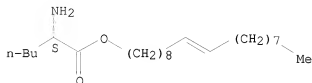
IT 174023-65-5

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(lipidic mimetics as inhibitors of pancreatic phospholipase A2)

RN 174023-65-5 CAPLUS

CN L-Norleucine, 9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L27 ANSWER 17 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1994:330807 CAPLUS

DOCUMENT NUMBER: 120:330807

ORIGINAL REFERENCE NO.: 120:58039a,58042a

TITLE: Preparation of proteins having long-chain alkyl groups and hair treatment agents containing them
Magara, Tsunao; Komazaki, Hisayuki; Tajima, Masahiro; Kumano, Yoshimaru; Tomita, Kenichi

INVENTOR(S): Shiseido Co., Ltd., Japan

PATENT ASSIGNEE(S): Jpn. Kokai Tokyo Koho, 4 pp.

SOURCE: CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06024945	A	19940201	JP 1993-125000	19930428
JP 08025857	B	19960313		

PRIORITY APPLN. INFO.: JP 1993-125000 19930428

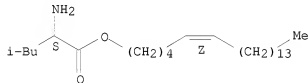
IT 100462-96-2

RL: RCT (Reactant); RACT (Reactant or reagent)
(peptide coupling of, with valylvalylvaline)

RN 100462-96-2 CAPLUS

CN L-Leucine, 5-eicosenyl ester, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

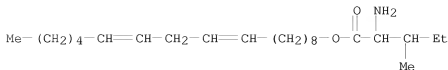


IT 100462-95-1DP, L-Isoleucine linoleyl ester, reaction products with lysozyme

RL: PREP (Preparation)
(preparation of, as hair treatment agent, with high adsorption to hair)

RN 100462-95-1 CAPLUS

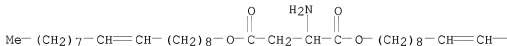
CN L-Isoleucine, 9,12-octadecadienyl ester, (Z,Z)- (9CI) (CA INDEX NAME)



L27 ANSWER 18 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1993:539777 CAPLUS
 DOCUMENT NUMBER: 119:139777
 ORIGINAL REFERENCE NO.: 119:25103a,25106a
 TITLE: Acylated amino acid ester derivatives as low calorie fat mimetics
 INVENTOR(S): Yarger, Ronald G.; Klemann, Lawrence P.; Finley, John W.
 PATENT ASSIGNEE(S): Nabisco, Inc., USA
 SOURCE: U.S., 17 pp. Cont.-in-part of U.S. Ser. No. 409,254, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5190782	A	19930302	US 1991-690732	19910424
PRIORITY APPLN. INFO.: OTHER SOURCE(S): MARPAT 119:139777			US 1989-409254	B2 19890919
IT 145514-50-7P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and acylation of, with oleoyl chloride) RN 145514-50-7 CAPLUS CN L-Aspartic acid, di-9-octadecenyl ester, (Z,Z)- (9CI) (CA INDEX NAME)				

PAGE 1-A



PAGE 1-B

—(CH₂)₇-Me

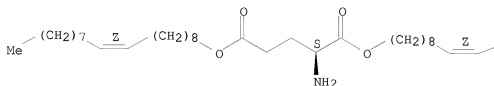
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 19 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1993:456818 CAPLUS
 DOCUMENT NUMBER: 119:56818

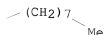
ORIGINAL REFERENCE NO.: 119:10103a,10106a
 TITLE: Study on the stability of emulsion liquid membrane with moving single drop method
 AUTHOR(S): Zhang, Hezhe; Bai, Guangyue; Wang, Yujie; Yan, Zhong
 CORPORATE SOURCE: Dep. Chem., Northeast Norm. Univ., Changchun, 130024, Peop. Rep. China
 SOURCE: Wuli Huaxue Xuebao (1993), 9(2), 233-7
 CODEN: WHXUEU; ISSN: 1000-6818
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese
 IT 110934-23-1
 RL: PRP (Properties)
 (stability of emulsion liquid membrane containing)
 RN 110934-23-1 CAPLUS
 CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

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PAGE 1-B



L27 ANSWER 20 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1993:142991 CAPLUS
 DOCUMENT NUMBER: 118:142991
 ORIGINAL REFERENCE NO.: 118:24495a,24498a
 TITLE: Ionic reservoir at electrode surface, and linker preparation
 INVENTOR(S): King, Lionel George; Raguse, Burkhard; Cornell, Bruce
 Andrew; Pace, Ronald John
 PATENT ASSIGNEE(S): Australian Membrane and Biotechnology Research
 Institute, Australia
 SOURCE: PCT Int. Appl., 53 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9217788	A1	19921015	WO 1992-AU132	19920327
W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
CA 2106966	A1	19920928	CA 1992-2106966	19920327

CA 2106966	C	20030617		
AU 9214657	A	19921102	AU 1992-14657	19920327
AU 666113	B2	19960201		
JP 06506061	T	19940707	JP 1992-507085	19920327
EP 639269	A1	19950222	EP 1992-907785	19920327
EP 639269	B1	20020612		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
AT 219244	T	20020615	AT 1992-907785	19920327
ES 2178636	T3	20030101	ES 1992-907785	19920327
US 5401378	A	19950328	US 1993-119166	19930921

PRIORITY APPLN. INFO.:

AU 1991-5324	A	19910327
AU 1991-9827	A	19911203
WO 1992-AU132	A	19920327

OTHER SOURCE(S): MARPAT 118:142991

IT 110934-23-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in linker mol. preparation for membrane electrode)

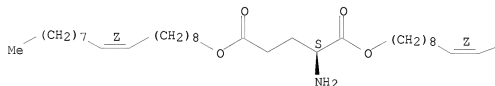
RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

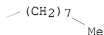
Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 21 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1993:58502 CAPLUS

DOCUMENT NUMBER: 118:58502

ORIGINAL REFERENCE NO.: 118:10477a,10480a

TITLE: Amide linked low-calorie fat mimetics

INVENTOR(S): Klemann, Lawrence P.; Finley, John W.; Yarger, Ronald G.

PATENT ASSIGNEE(S): Nabisco, Inc., USA

SOURCE: U.S., 20 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

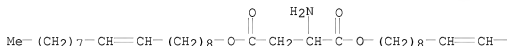
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
	US 5139807	A	19920818	US 1990-626845	19901213
PRIORITY APPLN. INFO.:				US 1990-626845	19901213
OTHER SOURCE(S):	MARPAT 118:58502				
IT	145514-50-7P, Dioleoyl aspartate				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation and reaction of, in manufacture of didodecyl succinyl dioleoyl aspartyl succinate, as low-calorie fat mimetic)				
RN	145514-50-7 CAPLUS				
CN	L-Aspartic acid, di-9-octadecenyl ester, (Z,Z)- (9CI) (CA INDEX NAME)				

PAGE 1-A



PAGE 1-B

— (CH₂)₇—Me

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 22 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1992:615001 CAPLUS

DOCUMENT NUMBER: 117:215001

ORIGINAL REFERENCE NO.: 117:37123a,37126a

TITLE: Synthesis and surface activities of glutamic acid dialkyl ester

AUTHOR(S): Zhang, Hezhe; Bai, Guangyue; Wang, Yujie; Yan, Zhong

CORPORATE SOURCE: Dep. Chem., Northeast Norm. Univ., Changchun, 130024, Peop. Rep. China

SOURCE: Gaodeng Xuexiao Huaxue Xuebao (1992), 13(6), 816-18

CODEN: KTHPDM; ISSN: 0251-0790

DOCUMENT TYPE: Journal

LANGUAGE: Chinese

IT 110934-23-1P

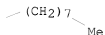
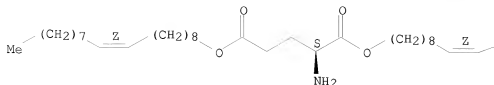
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, with gluconic acid ester)

RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

L27 ANSWER 23 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1992:78616 CAPLUS

DOCUMENT NUMBER: 116:78616

ORIGINAL REFERENCE NO.: 116:13251a,13254a

TITLE: Fish attractants containing amino acid fatty acid esters

INVENTOR(S): Nishina, Atsuro

PATENT ASSIGNEE(S): Nippon Oil and Fats Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

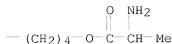
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

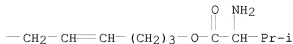
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 03170405	A	19910724	JP 1989-309837	19891129
PRIORITY APPLN. INFO.:				JP 1989-309837	19891129
IT	138893-36-4		138893-37-5		
	RL: BIOL (Biological study)				
	(fish attractant)				
RN	138893-36-4		CAPLUS		
CN	L-Alanine, 5,8,11,14,17-eicosapentaenyl ester, (all-Z)- (9CI) (CA INDEX NAME)				





RN 138893-37-5 CAPLUS

CN L-Valine, 4,7,10,13,16,19-docosahexaenyl ester, (all-Z)- (9CI) (CA INDEX NAME)



L27 ANSWER 24 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1990:139824 CAPLUS

DOCUMENT NUMBER: 112:139824

ORIGINAL REFERENCE NO.: 112:23655a,23658a

TITLE: Alpha-amino-carboxylic-acid derivatives, their preparation and use as drug carriers
 INVENTOR(S): Rosenberg, Joerg; Gruenhagen, Hans Heinrich; Lenke, Dieter

PATENT ASSIGNEE(S): Knoll A.-G. Chemische Fabriken, Fed. Rep. Ger.
 SOURCE: Eur. Pat. Appl., 8 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

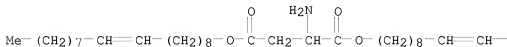
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 331092	A2	19890906	EP 1989-103446	19890228
EP 331092	A3	19901107		
EP 331092	B1	19930804		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL				
DE 3806852	A1	19890914	DE 1988-3806852	19880303
CA 1333719	C	19941227	CA 1989-591812	19890222
AT 92469	T	19930815	AT 1989-103446	19890228
ES 2058360	T3	19941101	ES 1989-103446	19890228
JP 02003642	A	19900109	JP 1989-48676	19890302
JP 2585785	B2	19970226		
US 5370877	A	19941206	US 1993-40582	19930331
PRIORITY APPLN. INFO.:				
			DE 1988-3806852	A 19880303
			EP 1989-103446	A 19890228
			US 1989-318134	B1 19890302
			US 1990-626317	B1 19901213

US 1992-953296 B3 19920930
 OTHER SOURCE(S): CASREACT 112:139824; MARPAT 112:139824
 IT 125401-73-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and acylation of, with succinic anhydride, in preparation of
 drug carrier)
 RN 125401-73-2 CAPLUS
 CN L-Aspartic acid, di-9-octadecenyl ester, hydrochloride, (Z,Z)- (9CI) (CA
 INDEX NAME)

PAGE 1-A



● HCl

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— (CH₂)₇—Me

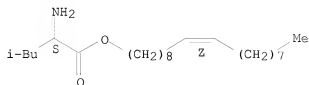
OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
 (4 CITINGS)

L27 ANSWER 25 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1989:622048 CAPLUS
 DOCUMENT NUMBER: 111:222048
 ORIGINAL REFERENCE NO.: 111:36713a, 36716a
 TITLE: High-sensitivity silver halide photographic materials
 INVENTOR(S): Meji, Iku; Pponda, Bon; Hiraoka, Junichiro; Takemoto,
 Taira; Murakami, Umeji; Arai, Soichi
 PATENT ASSIGNEE(S): Konica Co., Japan; Kanebo, Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

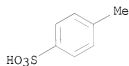
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01166032	A	19890629	JP 1987-324279	19871222
JP 2522682	B2	19960807		
PRIORITY APPLN. INFO.:			JP 1987-324279	19871222
IT 98474-40-9D, reaction products with proteins				
RL: USES (Uses) (emulsifier for photog. materials from)				
RN 98474-40-9 CAPLUS				
CN L-Leucine, 9-octadecenyl ester, (Z)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)				

CM 1
CRN 98474-39-6
CMF C24 H47 N O2

Absolute stereochemistry.
Double bond geometry as shown.



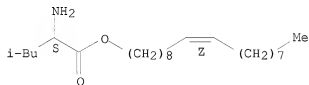
CM 2
CRN 104-15-4
CMF C7 H8 O3 S



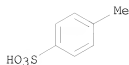
IT 98474-40-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and reaction of, with protein lysate in the presence of papain,
emulsifier for photog. materials from)
RN 98474-40-9 CAPLUS
CN L-Leucine, 9-octadecenyl ester, (Z)-, 4-methylbenzenesulfonate (9CI) (CA
INDEX NAME)

CM 1
CRN 98474-39-6
CMF C24 H47 N O2

Absolute stereochemistry.
Double bond geometry as shown.



CM 2
CRN 104-15-4
CMF C7 H8 O3 S



L27 ANSWER 26 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:443128 CAPLUS

DOCUMENT NUMBER: 111:43128

ORIGINAL REFERENCE NO.: 111:7293a,7296a

TITLE: Separation of copper from a leaching solution of manganese nodules by liquid surfactant membranes

AUTHOR(S): Matsumoto, Michiaki; Goto, Masahiro; Kondo, Kazuo; Nakashio, Fumiyuki

CORPORATE SOURCE: Dep. Org. Synth., Kyushu Univ., Fukuoka, 812, Japan

SOURCE: Kagaku Kogaku Ronbunshu (1989), 15(3), 533-9

CODEN: KKRBAW; ISSN: 0386-216X

DOCUMENT TYPE: Journal

LANGUAGE: Japanese

IT 110934-23-1

RL: PROC (Process)

(extraction by, of copper from solution from leaching of manganese nodules

by

sulfuric acid)

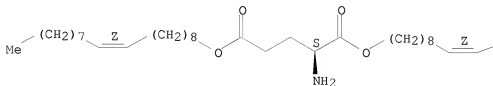
RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

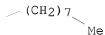
Absolute stereochemistry.

Double bond geometry as shown.

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OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L27 ANSWER 27 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:612837 CAPLUS

DOCUMENT NUMBER: 109:212837

ORIGINAL REFERENCE NO.: 109:35209a,35212a

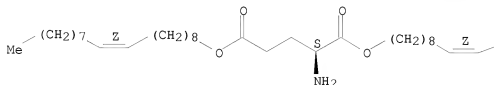
TITLE: Role of surfactants in the behavior of emulsion liquid membranes - development of new surfactants

AUTHOR(S): Nakashio, Fumiyuki; Goto, Masahiro; Matsumoto, Michiaki; Irie, Jin; Kondo, Kazuo

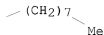
CORPORATE SOURCE: Dep. Org. Synth., Kyushu Univ., Fukuoka, 812, Japan
 SOURCE: Journal of Membrane Science (1988), 38(3), 249-60
 CODEN: JMESDO; ISSN: 0376-7388
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 110934-23-1
 RL: TEM (Technical or engineered material use); USES (Uses)
 (surfactants, for emulsion liquid membranes, for extraction of copper)
 RN 110934-23-1 CAPLUS
 CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



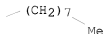
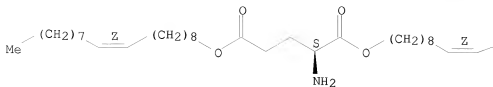
PAGE 1-B



OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)

L27 ANSWER 28 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1988:495148 CAPLUS
 DOCUMENT NUMBER: 109:95148
 ORIGINAL REFERENCE NO.: 109:15867a,15870a
 TITLE: Selection of break-up tracer for evaluation of stability of liquid surfactant membrane
 AUTHOR(S): Matsumoto, Michiaki; Goto, Masahiro; Kondo, Kazuo; Nakashio, Fumiyuki
 CORPORATE SOURCE: Dep. Org. Synth., Kyushu Univ., Fukuoka, 812, Japan
 SOURCE: Journal of Chemical Engineering of Japan (1988), 21(3), 318-20
 CODEN: JCEJAJ; ISSN: 0021-9592
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 110934-23-1D, derivs.
 RL: USES (Uses)
 (liquid membranes, stability of, evaluation of metal nitrates as break-up tracers for study of)
 RN 110934-23-1 CAPLUS
 CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)

L27 ANSWER 29 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1987:583124 CAPLUS

DOCUMENT NUMBER: 107:183124

ORIGINAL REFERENCE NO.: 107:29285a,29288a

TITLE: Separation and concentration of mercury(II) with liquid surfactant membrane containing new types of carriers and surfactants

AUTHOR(S): Baba, Yoshinari; Inoue, Katsutoshi; Nakashio, Fumiyuki; Matsumoto, Michiaki; Goto, Masahiro

CORPORATE SOURCE: Dep. Ind. Chem., Saga Univ., Saga, 840, Japan

SOURCE: Nippon Kagaku Kaishi (1987), (8), 1623-5

CODEN: NKAKB8; ISSN: 0369-4577

DOCUMENT TYPE: Journal

LANGUAGE: Japanese

IT 110934-23-1

RL: OCCU (Occurrence)

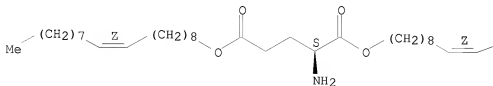
(in mercury determination in wastewater, extraction and concentration in relation to)

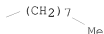
RN 110934-23-1 CAPLUS

CN L-Glutamic acid, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

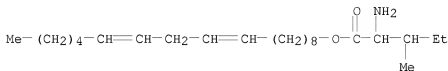




L27 ANSWER 30 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1986:95257 CAPLUS
 DOCUMENT NUMBER: 104:95257
 ORIGINAL REFERENCE NO.: 104:14997a,15000a
 TITLE: Amino acid alkyl ester-modified proteins as emulsifiers for cosmetics and as hair protectants
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

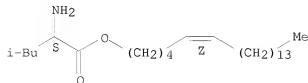
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60112800	A	19850619	JP 1983-219117	19831121
JP 06034735	B	19940511		

PRIORITY APPLN. INFO.: JP 1983-219117 19831121
 IT 100462-95-1D, reaction products with lysozyme
 100462-96-2D, reaction products with valylvalylvaline
 RL: BIOL (Biological study)
 (for cosmetics and hair prepsns.)
 RN 100462-95-1 CAPLUS
 CN L-Isoleucine, 9,12-octadecadienyl ester, (Z,Z)- (9CI) (CA INDEX NAME)



RN 100462-96-2 CAPLUS
 CN L-Leucine, 5-eicosenyl ester, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



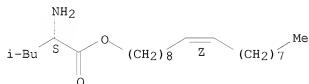
L27 ANSWER 31 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1985:583581 CAPLUS
 DOCUMENT NUMBER: 103:183581

ORIGINAL REFERENCE NO.: 103:29495a,29498a
 TITLE: Emulsified composition containing protein condensates with amino acid alkyl esters
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60097043	A	19850530	JP 1983-205528	19831101
JP 03059736	B	19910911		

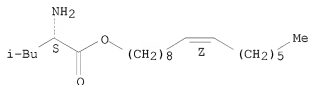
PRIORITY APPLN. INFO.: JP 1983-205528 19831101
 IT 98474-39-6D, globulin condensates 98885-50-8D, milk protein condensates
 RL: BIOL (Biological study)
 (cosmetic and pharmaceutical emulsions containing polyols and)
 RN 98474-39-6 CAPLUS
 CN L-Leucine, 9-octadecenyl ester, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 98885-50-8 CAPLUS
 CN L-Leucine, 9-hexadecenyl ester, hydrochloride, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



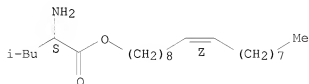
● HCl

L27 ANSWER 32 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1985:546979 CAPLUS
 DOCUMENT NUMBER: 103:146979
 ORIGINAL REFERENCE NO.: 103:23471a,23474a
 TITLE: Proteinous emulsifier, its preparation, and cosmetics containing the emulsifier
 INVENTOR(S): Mori, Kenji; Morita, Kazuyoshi; Takemoto, Shizume; Nagasawa, Hisanao; Ohtani, Yasuhisa; Matsui, Masashi; Arai, Sohichi

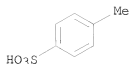
PATENT ASSIGNEE(S): Kanebo, Ltd. , Japan
 SOURCE: PCT Int. Appl., 85 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8501890	A1	19850509	WO 1984-JP512	19841026
W: US				
RW: DE, FR, GB				
JP 60092205	A	19850523	JP 1983-201824	19831026
JP 60094124	A	19850527	JP 1983-201823	19831026
JP 60175531	A	19850909	JP 1984-31270	19840220
JP 60177026	A	19850911	JP 1984-31269	19840220
JP 61057228	A	19860324	JP 1984-180177	19840828
JP 05010129	B	19930208		
JP 61061624	A	19860329	JP 1984-183519	19840901
JP 05010130	B	19930208		
EP 160103	A1	19851106	EP 1984-903982	19841026
EP 160103	B1	19900620		
R: DE, FR, GB				
US 4826818	A	19890502	US 1988-153561	19880202
PRIORITY APPLN. INFO.:			JP 1983-201823	A 19831026
			JP 1983-201824	A 19831026
			JP 1984-31269	A 19840220
			JP 1984-31270	A 19840220
			JP 1984-180177	A 19840828
			JP 1984-183519	A 19840901
			WO 1984-JP512	W 19841026
			US 1985-751775	A1 19850625
IT 98474-40-9DP, reaction products with protein hydrolyzates				
RL: PREP (Preparation)				
(preparation of, as cosmetic emulsifiers)				
RN 98474-40-9 CAPLUS				
CN L-Leucine, 9-octadecenyl ester, (Z)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)				
CM 1				
CRN 98474-39-6				
CMF C24 H47 N O2				

Absolute stereochemistry.
 Double bond geometry as shown.



CM 2
 CRN 104-15-4
 CMF C7 H8 O3 S



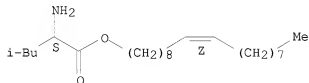
OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 33 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1985:546978 CAPLUS
DOCUMENT NUMBER: 103:146978
ORIGINAL REFERENCE NO.: 103:23471a,23474a
TITLE: Emollients containing protein-amino acid condensates
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60084209	A	19850513	JP 1983-192121	19831014
JP 03026163	B	19910410		

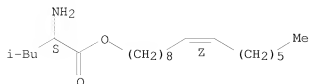
PRIORITY APPLN. INFO.: JP 1983-192121 19831014
IT 98474-39-6D, reaction products with elastin, L-arginine salt
98474-45-4D, reaction products with soybean protein
RL: BIOL (Biological study)
(cosmetic emollients containing)
RN 98474-39-6 CAPLUS
CN L-Leucine, 9-octadecenyl ester, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



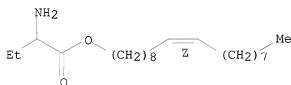
RN 98474-45-4 CAPLUS
CN L-Leucine, 9-hexadecenyl ester, (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L27 ANSWER 34 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1985:31606 CAPLUS
 DOCUMENT NUMBER: 102:31606
 ORIGINAL REFERENCE NO.: 102:5025a,5028a
 TITLE: Wave damping by monomolecular surface films and their chemical structure. Part II: Variation of the hydrophilic part of the film molecules including natural substances
 AUTHOR(S): Huehnerfuss, Heinrich; Lange, Philipp; Walter, Wolfgang
 CORPORATE SOURCE: Inst. Org. Chem. Biochem., Univ. Hamburg, Hamburg, 2000/13, Fed. Rep. Ger.
 SOURCE: Journal of Marine Research (1984), 42(3), 737-59
 CODEN: JMMRAO; ISSN: 0022-2402
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 93911-05-8
 RL: USES (Uses)
 (wave-damping effect of surface films of, on water)
 RN 93911-05-8 CAPLUS
 CN Butanoic acid, 2-amino-, 9-octadecenyl ester, hydrochloride, (Z)- (9CI)
 (CA INDEX NAME)

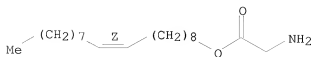
Double bond geometry as shown.



● HCl

L27 ANSWER 35 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1977:497261 CAPLUS
 DOCUMENT NUMBER: 87:97261
 ORIGINAL REFERENCE NO.: 87:15417a,15420a
 TITLE: Plant growth-inhibiting activity of amino acid related compounds. Part III. Mechanism of inhibitory action of lauryl DL-valinate hydrochloride on plant growth
 AUTHOR(S): Kida, Takao; Mizuno, Hiroshi; Takinami, Koichi; Matsunaka, Shooichi
 CORPORATE SOURCE: Cent. Res. Lab., Ajinomoto Co., Inc., Kawasaki, Japan
 SOURCE: Agricultural and Biological Chemistry (1977), 41(6), 931-7
 CODEN: ABCHA6; ISSN: 0002-1369
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 59441-20-2
 RL: BIOL (Biological study)
 (plant growth-inhibiting activity of, physicochem. property in relation to)
 RN 59441-20-2 CAPLUS
 CN Glycine, 9-octadecenyl ester, hydrochloride, (Z)- (9CI) (CA INDEX NAME)

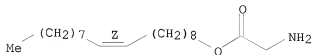
Double bond geometry as shown.



● HCl

L27 ANSWER 36 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1976:407591 CAPLUS
DOCUMENT NUMBER: 85:7591
ORIGINAL REFERENCE NO.: 85:1227a,1230a
TITLE: Surfactants derived from amino acids. II. Surface activities of amino acid ester hydrochlorides
Yoshida, Ryonosuke; Takehara, Masahiro; Sakamoto, Kazutami
AUTHOR(S):
CORPORATE SOURCE: Cent. Res. Lab., Ajinomoto Co., Inc., Kawasaki, Japan
SOURCE: Yukagaku (1976), 25(3), 141-4
CODEN: YK GKAM; ISSN: 0513-398X
DOCUMENT TYPE: Journal
LANGUAGE: Japanese
IT 59441-20-2
RL: TEM (Technical or engineered material use); USES (Uses) (surfactants, properties of)
RN 59441-20-2 CAPLUS
CN Glycine, 9-octadecenyl ester, hydrochloride, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



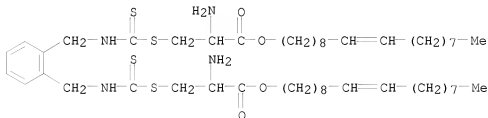
● HCl

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L27 ANSWER 37 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1975:156722 CAPLUS
DOCUMENT NUMBER: 82:156722
ORIGINAL REFERENCE NO.: 82:25037a,25040a
TITLE: Cysteine derivatives
INVENTOR(S): Hasegawa, Gen; Kotani, Akeshi
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 49135942 A 19741227 JP 1973-53827 19730514
 PRIORITY APPLN. INFO.: JP 1973-53827 A 19730514
 IT 55596-39-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 55596-39-9 CAPLUS
 CN L-Cysteine, 9-octadecenyl ester, [1,2-
 phenylenebis(methylene)]bis[carbamodithioate] (2:1) (ester),
 dihydrochloride, (Z,Z)- (9CI) (CA INDEX NAME)



● 2 HCl

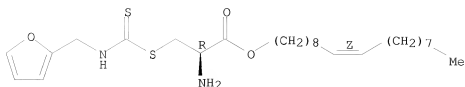
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

L27 ANSWER 38 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1975:58109 CAPLUS
 DOCUMENT NUMBER: 82:58109
 ORIGINAL REFERENCE NO.: 82:9303a,9306a
 TITLE: Cysteine derivatives
 INVENTOR(S): Hasegawa, Gen; Kotani, Akeshi
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 49095958	A	19740911	JP 1973-10043	19730123
JP 57049547	B	19821022		

PRIORITY APPLN. INFO.: JP 1973-10043 A 19730123
 IT 54794-28-4P
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (manufacture of)
 RN 54794-28-4 CAPLUS
 CN L-Cysteine, 9-octadecenyl ester, (2-furanylmethyl)carbamodithioate
 (ester), (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

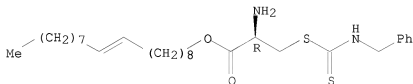


L27 ANSWER 39 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1974:463970 CAPLUS
 DOCUMENT NUMBER: 81:63970
 ORIGINAL REFERENCE NO.: 81:10213a,10216a
 TITLE: Cysteine derivatives
 INVENTOR(S): Hasegawa, Gen; Kotani, Akeshi
 PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 49035334	A	19740401	JP 1972-78641	19720804
JP 56037224	B	19810829		

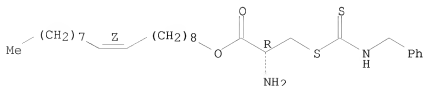
PRIORITY APPLN. INFO.: 53369-37-2P JP 1972-78641 A 19720804
 IT 53329-86-5P 53369-37-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 53329-86-5 CAPLUS
 CN L-Cysteine, 9-octadecenyl ester, (phenylmethyl)carbamodithioate (ester)
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.



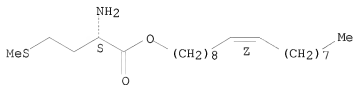
RN 53369-37-2 CAPLUS
 CN L-Cysteine, 9-octadecenyl ester, (phenylmethyl)carbamodithioate (ester),
 (Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



L27 ANSWER 40 OF 40 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1950:40944 CAPLUS
 DOCUMENT NUMBER: 44:40944
 ORIGINAL REFERENCE NO.: 44:7897b-c
 TITLE: A new enzymic peptide synthesis
 AUTHOR(S): Brenner, I. M.; Muller, H. R.; Pfister, R. W.
 CORPORATE SOURCE: Univ., Basel, Switz.
 SOURCE: Helvetica Chimica Acta (1950), 33, 568-91
 CODEN: HCACAV; ISSN: 0018-019X
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 IT 911450-43-6P, 9-Octadecen-1-ol, cis-, ester with methionine
 RL: PREP (Preparation)
 (preparation of)
 RN 911450-43-6 CAPLUS
 CN 9-Octadecen-1-ol, cis-, ester with methionine (5CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



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